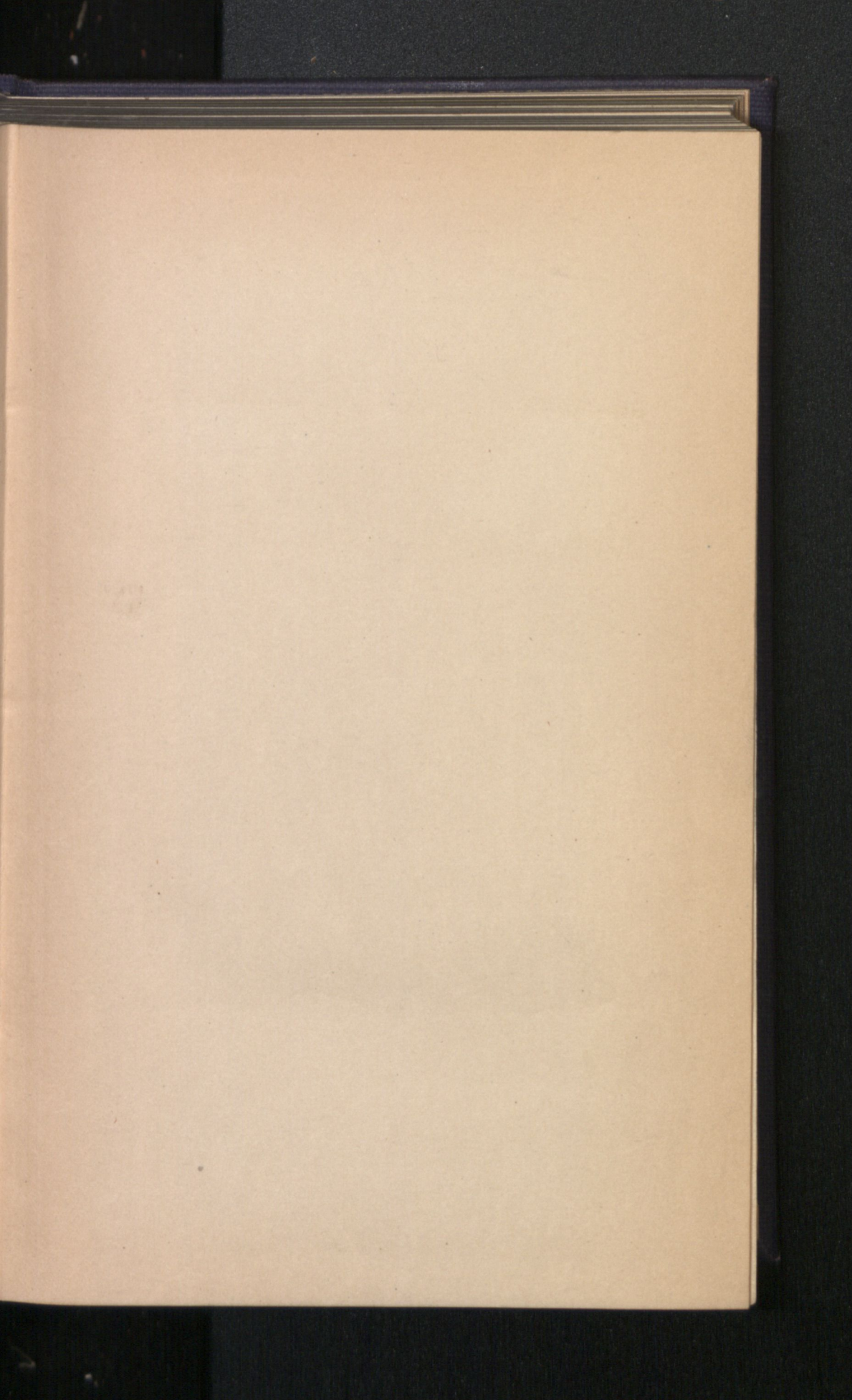


22

President's Office



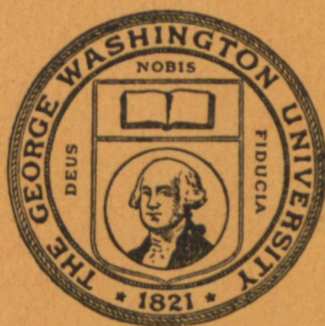
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MARCH, 1922



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WASHINGTON, D. C.

George Washington University
Bulletin

CATALOGUE NUMBER

MARCH, 1922

George Washington University

Bulletin

LIBRARY

CATALOGUE NUMBER

MARCH 1911

CONTENTS

GENERAL:

| | PAGE |
|--------------------------------|-------|
| Calendar | 3-4 |
| Trustees | 5-6 |
| University Council | 7 |
| Administrative Officers | 8 |
| President's Council | 9 |
| History and Organization | 10-11 |

ERRATA

PAGE 8:

For

Teachers College
William Cline Borden, M. D., Dean.

Read

Teachers College
William Carl Ruediger, Ph. D., Dean

PAGE 55:

For Chemical Course leading to the degree of
Bachelor of Science in Architecture

Read Chemical Course leading to the degree of
Bachelor of Science in Chemistry

| | |
|------------------------------|---------|
| Courses of Instruction | 66-117 |
| Summer School | 118-131 |
| Department of Medicine | 132-192 |
| Medical School | 132-182 |
| School for Nurses | 183-187 |
| School of Pharmacy | 188-192 |
| Law School | 193-212 |

George Washington University

Bulletin

REDACTED

MARCH 1921

CONTENTS

GENERAL:

| | PAGE |
|--------------------------------|-------|
| Calendar | 3-4 |
| Trustees | 5-6 |
| University Council | 7 |
| Administrative Officers | 8 |
| President's Council | 9 |
| History and Organization | 10-11 |
| Library | 11-12 |
| Student Activities | 12 |

DEPARTMENTS OF THE UNIVERSITY:

| | |
|---|---------|
| Department of Arts and Sciences | 13-117 |
| The School of Graduate Studies | 18-23 |
| The Colleges | 24-40 |
| Columbian College | 41-48 |
| College of Engineering | 49-58 |
| Teachers College | 59-61 |
| Schedule of Classes in Columbian and Teachers Colleges | 62-66 |
| Courses of Instruction | 66-117 |
| Summer School | 118-131 |
| Department of Medicine | 132-192 |
| Medical School | 132-182 |
| School for Nurses | 183-187 |
| School of Pharmacy | 188-192 |
| Law School | 193-212 |

| STUDENTS: | PAGE |
|---------------------------------------|---------|
| Department of Arts and Sciences | 215-290 |
| School of Graduate Studies | 215-228 |
| Columbian College | 228-261 |
| College of Engineering | 261-270 |
| Teachers College | 270-276 |
| Summer School | 276-289 |
| Summary | 290 |
| Medical School | 291-293 |
| College of Pharmacy | 294 |
| Law School | 295-333 |
| Geographical Distribution | 334 |
| General Summary | 335 |
| Degrees Conferred in 1921-22 | 336-349 |
| Allied Associations | 350-351 |
| Directory | 352-356 |
| Index | 357 |

| 1922 | | | | | | | 1923 | | | | | | | | | | | | | |
|-----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
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| AUGUST | | | | | | | FEBRUARY | | | | | | | AUGUST | | | | | | |
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| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
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| STUDENTS: | PAGE |
|---------------------------------------|---------|
| Department of Arts and Sciences | 215-290 |
| School of Graduate Studies | 215-228 |
| Columbian College | 228-261 |
| College of Engineering | 261-270 |
| Teachers College | 270-276 |
| Summer School | 276-289 |
| Summary | 290 |
| Medical School | 291-293 |
| College of Pharmacy | 294 |
| Law School | 295-333 |
| Geographical Distribution | 334 |
| General Summary | 335 |
| Degrees Conferred in 1921-22 | 336-349 |
| Allied Associations | 350-351 |
| Directory | 352-356 |
| Index | 357 |

| 1922 | | | | | | | 1923 | | | | | | | | | | | | | |
|-----------|----|----|----|----|----|----|----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
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| SEPTEMBER | | | | | | | MARCH | | | | | | | SEPTEMBER | | | | | | |
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| .. | .. | .. | .. | .. | .. | .. | 27 | 28 | 29 | 30 | 31 | .. | .. | 25 | 26 | 27 | 28 | 29 | 30 | .. |
| DECEMBER | | | | | | | JUNE | | | | | | | DECEMBER | | | | | | |
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UNIVERSITY CALENDAR

1922

| | | |
|-----------|-------|---|
| January | 30 | <i>Monday</i> —Second half-year begins. |
| February | 14 | <i>Tuesday</i> —Doctorate Disputation. |
| February | 19 | <i>Sunday</i> —Winter Convocation Sermon. |
| February | 22 | <i>Wednesday</i> —Winter Convocation. A holiday in all departments of the University. |
| April | 14-17 | <i>Friday to Monday, both inclusive</i> —Easter Holidays. |
| April | 24 | <i>Monday</i> —Last day on which theses of candidates for the Doctorate degree at Commencement may be presented. |
| April | 25 | <i>Tuesday</i> —Davis Prize Speaking. |
| May | 22 | <i>Monday</i> —Last day on which theses of candidates for the Engineering and Master's degrees may be presented. |
| May | 24 | <i>Wednesday</i> —Final examinations, Department of Arts and Sciences, begin. |
| May | 29 | <i>Monday</i> —Doctorate Disputation. |
| May | 30 | <i>Tuesday</i> — <i>Decoration Day</i> —A holiday in all departments of the University. |
| May | 31 | <i>Wednesday</i> —Annual meeting of the Board of Trustees. |
| June | 4 | <i>Sunday</i> —Baccalaureate Sermon. |
| June | 7 | <i>Wednesday</i> —Commencement. |
| June | 15-24 | Registration for the Summer School. |
| June | 19 | <i>Monday</i> —Instruction begins in the three-credit courses coming at seven forty-five A. M., and in all afternoon classes in the Department of Arts and Sciences and in all classes in the summer session of the Law School. |
| June | 26 | <i>Monday</i> —Instruction begins in the two-credit courses coming in the forenoon in the Department of Arts and Sciences. |
| September | 27 | <i>Wednesday</i> —Academic year begins in all departments of the University. |
| October | 10 | <i>Tuesday</i> —Last day on which theses of candidates for the Engineering and Master's degrees at the Fall Convocation may be presented. |
| October | 11 | <i>Wednesday</i> —Stated meeting of the Board of Trustees. |
| October | 26 | <i>Thursday</i> —Fall Convocation. |
| November | 23-25 | <i>Thursday to Saturday, both inclusive</i> —Thanksgiving Recess. |

RECESS FROM DECEMBER 23, 1922, TO JANUARY 2, 1923,
BOTH INCLUSIVE

1923

| | | |
|---------|----|--|
| January | 5 | <i>Friday</i> —Last day on which theses of candidates for the Doctorate degree at the Winter Convocation may be presented. |
| January | 10 | <i>Wednesday</i> —Stated meeting of the Board of Trustees. |
| January | 22 | <i>Monday</i> —Mid-year examinations, Department of Arts and Sciences, begin. |

UNIVERSITY CALENDAR—Continued

1923

| | | |
|------------------------|-------|--|
| January | 29 | <i>Monday</i> —Last day on which theses of candidates for the Engineering and Master's degrees at the Winter Convocation may be presented. |
| January | 29 | <i>Monday</i> —Second half-year begins. |
| February | 18 | <i>Sunday</i> —Winter Convocation Sermon. |
| February | 22 | <i>Thursday</i> —Winter Convocation. A holiday in all departments of the University. |
| March 30 to April 2 | | <i>Friday to Monday, both inclusive</i> —Easter Holidays. |
| April | 10 | <i>Tuesday</i> —Davis Prize Speaking. |
| April | 23 | <i>Monday</i> —Last day on which theses of candidates for the Doctorate degree at the Commencement may be presented. |
| May | 21 | <i>Monday</i> —Last day on which theses of candidates for the Engineering and Master's degrees at the Commencement may be presented. |
| May | 23 | <i>Wednesday</i> —Final examinations, Department of Arts and Sciences, begin. |
| May | 29 | <i>Tuesday</i> —Doctorate Disputation. |
| May | 31 | <i>Thursday</i> —Annual meeting of the Board of Trustees. |
| June | 3 | <i>Sunday</i> —Baccalaureate Sermon. |
| June | 6 | <i>Wednesday</i> —Commencement. |
| June | 14-23 | Registration for Summer School. |
| June | 18 | <i>Monday</i> —Summer School begins. |

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School of Graduate Studies

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| ELMER LOUIS KAYSER, A.M. | <i>Secretary of the University</i> |
| GEORGE NEELY HENNING, A.M., Litt.D. | <i>Dean of the School of Graduate Studies</i> |
| HERMANN SCHOENFELD, Ph.D., LL.D. | <i>Professor of German</i> |
| WILLIAM ALLEN WILBUR, A.M., Litt.D., | <i>Dean of Columbian College</i> |
| CHARLES CLINTON SWISHER, Ph.D., LL.D. | <i>Professor of History</i> |
| CHARLES SIDNEY SMITH, Ph.D. | <i>Professor of Greek and Latin</i> |
| JOHN RAYMOND LAPHAM, M.S. in C.E., | <i>Professor of Civil Engineering</i> |
| WILLIAM CARL RUEDIGER, Ph.D. | <i>Dean of Teachers College</i> |
| ALFRED FRANCIS WILLIAM SCHMIDT, A.M. | <i>Professor of German</i> |
| ANNA LORETTE ROSE, A.B. | <i>Dean of Women</i> |
| MERTON LEROY FERSON, A.M., LL.M. | <i>Dean of Law School</i> |
| JOHN PAUL EARNEST, A.M., LL.M. | <i>Professor of Law</i> |
| WILLIAM CABELL VAN VLECK, A.B., LL.B. | <i>Professor of Law</i> |
| WILLIAM CLINE BORDEN, M.D. | <i>Dean of the Medical School</i> |
| OSCAR BENWOOD HUNTER, A.B., M.D., | <i>Professor of Bacteriology and Pathology</i> |
| HENRY E. KALUSOWSKI, M.D., Phar.D., | <i>Dean of the Pharmacy School</i> |

Committees of the President's Council

- Catalogue and Other Publications*—The President, the Secretary, Professors WILBUR and RUEDIGER.
- Admissions*—President HODGKINS, Professors RUEDIGER and WILBUR.
- Commencement Exercises*—The President, the Secretary, and the Treasurer, Professors SWETT, HORNADAY, DOYLE, McNEIL and BOLWELL.
- Schedule*—President HODGKINS, Professors HENNING and RUEDIGER.
- Library*—Professors SCHOENFELD, HENNING, the Librarian.
- Summer School*—President HODGKINS, Professors RUEDIGER, HUNTER and VAN VLECK.
- Board of Managers of Student Activities*—Mr. BRYAN MORSE, (Chairman), Dr. DANIEL L. BORDEN, Mr. THOMAS L. BRADLEY, Professor H. G. DOYLE, Professor CHARLES S. COLLIER, Mr. JOHN PAUL EARNEST, Jr., and Mr. EUGENE UNDERWOOD, Jr.

HISTORY AND PRESENT ORGANIZATION

HISTORY

The George Washington University is the successor of the Columbian College in the District of Columbia which was chartered by an act of Congress approved February 9, 1821. In 1873 the name was changed to Columbian University and in 1904 to The George Washington University.

The first commencement of Columbian College was held on the 15th of December, 1824, with the President of the United States; the Honorable John Quincy Adams, Secretary of State; the Honorable John C. Calhoun, Secretary of War; the Honorable Henry Clay, Speaker of the House of Representatives; and General Lafayette among those present.

Work in the College was confined to the Arts and Sciences until March, 1825, when the Medical Department was established under the conduct of Dr. Thomas Sewall. The Medical Department is thus in the chronological order of establishment the seventeenth medical school in the United States. In 1826 the Law Department was founded with the Honorable William T. Carroll and Mr. Justice Cranch as its professors. Shortly afterward the school was discontinued, but was reopened in 1865. A Theological School founded also in 1826 was soon moved to Newton, Mass., where it now flourishes. On October 1, 1884, the Corcoran Scientific School, now the College of Engineering, was founded. Under Dean Charles E. Munroe the School of Graduate Studies was organized in 1893. Teachers College was started as The Division of Education in 1907. In 1919, the National College of Pharmacy, organized in 1905, as an affiliated college of the University and suspending during the last year of the war, was reopened as the School of Pharmacy, a division of the Department of Medicine, Dentistry and Pharmacy.

EDUCATIONAL ORGANIZATION

Department of Arts and Sciences:

- School of Graduate Studies
- Columbian College
- College of Engineering
- Teachers College
- Summer School

Department of Medicine and Pharmacy:

- The Medical School
- The School of Pharmacy
- Nurses School

Department of Law

ANNUAL COMMENCEMENT

The Annual Commencement is held thirty-six weeks after the last Wednesday in September. Students who have satisfied the requirements for degrees subsequent to the June Commencement may be awarded degrees at the Fall Convocation on October 26.

The Winter Convocation is held on February 22.

UNIVERSITY ASSEMBLIES

The University Assemblies will be held from time to time, the attendance of students upon which may be required.

THE UNIVERSITY LIBRARY

The University Library comprises the Library of the Department of Arts and Sciences, the Law Library, and the Medical Library. It contains 55,000 volumes.

In addition to its general collections the Library of the Department of Arts and Sciences contains the Library of the late Professor Richard Heinzel, of the University of Vienna, containing 7,200 books and pamphlets in Germanic philology and literature, and cognate branches; the library of the late Professor Curt Wachsmuth, of the University of Leipzig, containing 7,900 books and pamphlets in Greek and Roman literature, archaeology, and history; the Mount Vernon Alcove containing 4,000 volumes in political history, international law, and the social sciences. Besides, the library of the American Institute of Architects, consisting of 1,063 volumes and portfolios of plates and drawings, is deposited in the reading room as a loan collection, where it is accessible, also, to all local architects. The library is open from 9 a. m. to 10.30 p. m.

The Law Library, containing 7,500 volumes, is open from 8.30 a. m. to 10 p. m.

The Medical Library, containing about 3,000 volumes, is open from 9 a. m. to 9 p. m.

PRIVILEGES IN GOVERNMENTAL INSTITUTIONS OPEN TO
UNIVERSITY STUDENTS

In order to promote research and the diffusion of knowledge, the Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the facilities for research and illustration in the following and any other governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge

shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

1. Of the Library of Congress.
2. Of the National Museum.
3. Of the Patent Office.
4. Of the Bureau of Education.
5. Of the Bureau of Ethnology.
6. Of the Army Medical Museum.
7. Of the Department of Agriculture.
8. Of the Fish Commission.
9. Of the Botanic Gardens.
10. Of the Coast and Geodetic Survey.
11. Of the Geological Survey.
12. Of the Naval Observatory.

STUDENT ACTIVITIES

Student Activities are supported by a voluntary Student Activities Fee, subscribed to by members of the University and collectible as a regular University fee by the Treasurer. Control and direction of all student activities are vested in a Board of Managers of Student Activities, which in turn is subject to the supervision and control of the President's Council. The duties of the board are as follows:

- (a) To control and direct Student Activities.
- (b) To determine the amount of the Voluntary Student Fee.
- (c) To appropriate funds from the Student Activities Treasury.
- (d) To have final decision as to the selection of coaches or instructors for all student activities.

The Student Activities Fee was fixed by the Board at ten dollars for the academic year 1921-22.

Delta Tau Delta Activity Award.—The Gamma Eta Chapter of the Delta Tau Delta Fraternity awards each year to "that member of the senior class who throughout his course at George Washington University has done the most constructive work in the furtherance and upbuilding of the University Student Activities" a gold medal.

DEPARTMENT OF ARTS AND SCIENCES

FACULTY

- HOWARD LINCOLN HODGKINS, Ph. D., Sc. D.,
President of the University
- JAMES HOWARD GORE, Ph. D., LL. D., Litt. D.,
Professor Emeritus of Mathematics
- HOWARD LINCOLN HODGKINS, Ph. D., Sc. D.,
*Dean of the Department of Arts and Sciences and of the
College of Engineering and Professor of Mathematics*
- HERMANN SCHOENFELD, Ph. D., LL. D.,
Professor of German
- JAMES MACBRIDE STERRETT, A. M., D. D., Litt. D.,
Professor Emeritus of Philosophy
- CHARLES EDWARD MUNROE, Ph. D., LL. D.,
*Dean Emeritus of the School of Graduate Studies and
Professor Emeritus of Chemistry*
- GEORGE PERKINS MERRILL, Ph. D., Sc. D.,
Professor Emeritus of Geology
- WILLIAM ALLEN WILBUR, A. M., Litt. D.,
Dean of Columbian College and Professor of English
- CHARLES CLINTON SWISHER, Ph. D., LL. D.,
Professor of History
- MITCHELL CARROLL, Ph. D.,
Professor of Archaeology and the History of Art
- PAUL BARTSCH, Ph. D.,
Professor of Zoology
- GEORGE NEELY HENNING, A. M., Litt. D.,
*Dean of the School of Graduate Studies and Professor of
Romance Languages*
- ALBERT BURNLEY BIBB,
Professor of Architecture
- SHEPHERD IVORY FRANZ, Ph. D., LL. D., M. D.,
Professor of Experimental Psychology
- CHARLES SIDNEY SMITH, Ph. D.,
Professor of Greek and Latin
- WILLIAM CARL RUEDIGER, Ph. D.,
*Dean of Teachers College and Professor of Educational
Psychology*
- ALFRED FRANCIS WILLIAM SCHMIDT, A. M.,
Professor of German
- WILLIS LUTHER MOORE, Sc. D., LL. D.,
Professor of Applied Meteorology
- WILLIAM JACKSON HUMPHREYS, C. E., Ph., D.,
Professor of Meteorological Physics
- EDWARD ELLIOTT RICHARDSON, M. D., Ph. D.,
Professor of Philosophy
- GEORGE WASHINGTON LITTLEHALES, C. E.,
Professor of Nautical Science

- RAY SMITH BASSLER, Ph. D.....*Professor of Geology*
 ROBERT RUSS KERN, A. B.....*Professor of Economics and Sociology*
 DE WITT CLINTON CROISSANT, Ph. D.....*Professor of English*
 JOAQUIN DE SIQUEIRA COUTINHO, Kt., Sc. D.,
 Professor of Portuguese Language and Literature
 LOUIS COHEN, Ph. D.....*Professor of Radio-Electricity*
 ISRAEL SCHAPIRO, Ph. D.,
 Professor of Semitic Languages and Literature
 TRUMAN MICHELSON, Ph. D.....*Professor of Ethnology*
 CHARLES EDWARD HILL, Ph. D.....*Professor of Political Science*
 JOHN THOMAS ERWIN, A. M.....*Professor of Mathematics*
 HIRAM COLVER MCNEIL, Ph. D.....*Professor of Chemistry*
 OTIS DOW SWETT, S. M., LL. M.....*Professor of Chemistry*
 JOHN RAYMOND LAPHAM, M. S. in C. E.,
 Professor of Civil Engineering
 EUGENE R. WHITMORE, B. S., M. D., Dr. P. H.,
 Professor of Preventive Medicine
 OWEN B. FRENCH, C. E.....*Professor of Surveying*
 THOMAS BENJAMIN BROWN, Ph. D.....*Professor of Physics*
 HENRY GRATTAN DOYLE, A. M.....*Professor of Romance Languages*
 FRANK A. HITCHCOCK, B. S. in C. E.,
 Professor of Applied Mathematics
 ROBERT F. GRIGGS, Ph. D.....*Professor of Botany*
 HUGH MILLER, C. E.....*Professor of Civil Engineering*
 WILLIAM PARTRIDGE.....*Professor of Architecture*
 GEORGE MORTON CHURCHILL, Ph. D.....*Professor of History*
 LEVI RUSSELL ALDEN, A. M., LL. B.....*Professor of Commercial Law*
 JOHN DONALDSON, Ph. D.,.....*Professor of Commerce*
 ANNA LORETTE ROSE, A. B.....*Dean of Women and Registrar*
 NEVIL MONROE HOPKINS, Ph. D.....*Assistant Professor of Chemistry*
 EDWIN ALLSTON HILL, Ph. D.....*Assistant Professor of Chemistry*
 CLARENCE CAMERON KOCHENDERFER, A. M.,
 Assistant Professor of Commerce
 LOUIS EUGENE MCARTHUR, A. M.....*Assistant Professor of History*
 HARRY GRANT HODGKINS, A. B.....*Assistant Professor of Mathematics*
 ELMER LOUIS KAYSER, A. M.,
 Secretary of the University and Assistant Professor of History
 ROBERT WHITNEY BOLWELL, Ph. D.....*Assistant Professor of English*
 WALTER L. CHENEY, Ph. D.....*Assistant Professor of Physics*
 JAMES H. PLATT, B. M. E.,
 Assistant Professor of Mechanical Engineering
 CHARLES ELMER RESSER, Ph. D.....*Assistant Professor of Geology*
 DELOS HAMILTON SMITH, M. S.....*Assistant Professor of Architecture*

- HAROLD GRIFFITH SUTTON, A. B., M. S.,
Assistant Professor of Economics
- FRED AUGUST MOSS, A. M. *Assistant Professor of Psychology*
- GEORGE W. PHILLIPS, B. S. in Chem.,
Assistant Professor of Chemistry
- CECIL KNIGHT JONES, B. Litt. *Assistant Professor of Spanish*
- NORMAN B. AMES, B. S. in E. E.,
Assistant Professor of Electrical Engineering
- CHARLES HERBERT STOCKTON, LL. D. *Lecturer on International Law*
- FREDERICK EUGENE FOWLE, JR., S. B. *Lecturer on Astro-Physics*
- WILLARD STANTON SMALL, Ph. D. *Lecturer on Education*
- JULIA THECKLA MACMILLAN, S. M. *Instructor in Zoology*
- CHARLES EDWIN VAN ORSTRAND, S. M.,
Lecturer on Mathematical Physics
- MARIETTA STOCKARD ALBION, A. B.,
Lecturer on the Teaching of Children's Literature
- EDWARD CULLOM, A. M. *Instructor in French*
- RALPH E. MYERS, A. M., M. D. *Instructor in Bio-Chemistry*
- WALDO LASALLE SCHMITT, S. B., A. M. *Instructor in Zoology*
- GERTRUDE RICHARDSON BRIGHAM, Ph. D.,
Instructor in Archaeology and History of Arts and in English
- FRANK MCGINLEY PHILLIPS, Ph. D. *Instructor in Statistics*
- DANIEL A. CHACE, A. B. *Instructor in Journalism*
- CHARLES FREDERICK KRAMER, A. M. *Instructor in French*
- JOSEPH HENRY WILSON, B. S. in M. E.,
Instructor in Mechanical Drawing
- GUS KILTON PATISON, A. B. *Instructor in Romance Languages*
- MERLE I. PROTZMAN, A. M. *Instructor in Romance Languages*
- BENJAMIN C. CRUIKSHANKS, B. S. in M. E.,
Instructor in Mechanical Engineering
- GREGORY HANKIN, A. M. *Instructor in Mathematics*
- HERBERT A. EHRMAN, B. S. in M. E.,
Instructor in Mechanical Drawing
- ANGEL C. VASQUEZ *Instructor in Spanish*
- AIDA MARY DOYLE, M. S. *Instructor in Chemistry*
- MARGARET B. EVANS, B. S. *Instructor in Domestic Science*
- HENRY ALBERT LEPPER, B. S. in Chem. *Instructor in Chemistry*
- BONIFANT HAMILTON, B. S. in Chem. *Instructor in Chemistry*
- J. NORMAN TAYLOR, B. S. in Chem. *Instructor in Chemistry*
- PETER VALEAR, M. S. *Instructor in Chemistry*
- JOHN FRANKLIN MEYER, Ph. D., Sc. D. *Lecturer in Electricity*
- EDGAR SYDENSTRICKER *Lecturer on Vital Statistics*

SCHOOL OF GRADUATE STUDIES

HIGHER DEGREES

The higher degrees conferred in course by the University in this Division of the Department of Arts and Sciences are Master of Arts (A. M.), Master of Science (M. S.), Civil Engineer (C. E.), Electrical Engineer (E. E.), Mechanical Engineer (M. E.), and Doctor of Philosophy (Ph. D.).

ADMISSION

Candidates for admission to courses for higher degrees must make application to the Dean of the School of Graduate Studies on application blanks, which may be obtained of him. Candidates must present certificates of the degrees they hold from the institutions conferring such degrees. Until such certificates are presented, registration is merely provisional. Candidates requesting advanced standing must present detailed certificates of the work for which they ask credit.

CHANGE OF COURSE AND WITHDRAWAL

Students desiring to change any course or to withdraw should consult the Dean.

DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE

To be admitted to candidacy for the Master's degree a student must have completed a liberal undergraduate course of study such as is required by colleges of good standing antecedent to the baccalaureate degree. The Faculty of Graduate Studies reserves the right to decide in all cases whether the antecedent training fulfills the requirements. Moreover, the course of study pursued must have been such as to qualify the candidates for pursuing the subjects chosen for the Master's or other higher degree sought. In seeking admission the applicant must state whether he desires to obtain the Specialist degree or the Liberal Culture degree.

The Specialist degree is designed for students who propose to specialize in their work. Such candidates are required to complete one major and two minor subjects selected from properly correlated and approved University subjects amounting to twenty-four semester-hours, and to present a satisfactory thesis. One of the minor topics may be selected from the University subject which includes the major topic. The major topic shall cover not less than nine nor more than twelve semester-hours, excluding the thesis; a minor topic, not less than six nor more than nine.

The Liberal Culture degree is designated for students who do

not intend to specialize in their work. Such candidates are required to complete a course of study amounting to not less than twenty-four semester-hours of work distributed among three approved University subjects, and to present a satisfactory thesis. The major topic shall cover not less than nine nor more than twelve semester-hours, excluding the thesis; a minor topic, not less than six nor more than nine.

A candidate for a Master's degree in Arts, Science or Engineering, must present a thesis in his major subject. The thesis, which counts six semester-hours towards the degree and is charged for at the same rates as courses, must be registered for by the candidate, preferably at the time of original registration. The choice of the thesis-subject must be approved by the Professor in charge of the major, and the student is expected to consult him frequently in regard to the progress of work on the thesis. The thesis in its final form must have the approval of the Professor in order to count towards the degree. Attention is also called to "Regulations Regarding Theses," below.

A candidate for a Master's degree must pass at least one full year in residence and study at this University. The residence requirement may be satisfied by passing one full semester and one summer session of nine weeks, or three summer sessions of nine weeks each, at the University. No work done in satisfaction of the requirements for the Bachelor's degree shall be counted again for a higher degree. Under no circumstances may courses in the First Section, "Primarily for undergraduates," be counted toward any higher degree, though a graduate student may be allowed to take them without receiving academic credit.

Part of the work for the Master's degree may be taken in the Medical School or the Law School, but work so taken can not be counted both towards the Master's degree and a degree in Medicine or Law. A candidate for the Master's degree may not take all his work in the Medical School or the Law School except by permission of the Dean of the School of Graduate Studies.

Advanced work done in other institutions of learning may be credited toward the Master's degree in this University, to the extent of not more than twelve semester-hours. No work, whether done here or at other institutions, will be credited toward the Master's degree unless the student attains at least grade "C" or its equivalent on such work.

Work for which the Master's degree has been awarded may be credited as one year of work toward the degree of Doctor of Philosophy, provided that it be in the same field of work.

Attention is called to "Regulations Regarding Theses," below.

officially connected with the University. Before the candidate shall be permitted to undertake the defense of his thesis, the thesis must have been favorably reported on and recommended for defense by the professor having supervision over the candidate's major topic, and by a co-referee appointed from the Faculty of Graduate Studies. In case of disagreement between the professor in charge and the co-referee, the student must revise his thesis until it meets the approval of both.

UNIVERSITY SUBJECTS

The subjects from which the candidate's selection may be made, as the Faculty may determine in each case, are as follows:

Applied Mathematics, Archaeology, Anatomy, Architecture, Astronomy, Astro-Physics, Bacteriology, Botany, Chemistry, Civil Engineering, Commerce, Economics, Education, Electrical Engineering, Ethnology, Embryology, English, Ethics, French, Geology and Mineralogy, Germanic Languages and Literature, Greek Language and Literature, Gynecology, Histology, Hydraulic Engineering, History, History of Art, International Law and Diplomacy, Latin Language and Literature, Law, Mathematics, Mechanical Engineering, Meteorology, Microscopy, Nautical Science, Paleontology, Pathology, Philosophy, Physics, Physiology, Pharmacology, Political Sciences, Preventive Medicine, Psychiatry, Psychology, Romance Languages and Literatures, Semitics, Sociology, Spanish, Zoology.

REGULATIONS REGARDING MASTERS' AND DOCTORS' THESES

All these for each degree sought must, in their final form, be presented to the Dean by the dates announced in the University Calendar. They must previously have been typewritten on official thesis paper, which may be obtained from the Treasurer of the University. The title-page must read: [Title] by [name of candidate], a thesis submitted to the Faculty of graduate studies of George Washington University in part satisfaction of the requirements for the degree of [name of degree]. [Date.]

The Dean will present theses to the Chairman of the Committees on the candidates; doctoral theses will further be submitted for examination to the co-referees appointed from the Faculty. Accepted theses, with their accompanying drawings, are the property of the University, and will be deposited in the University Library, but the authors of them are permitted to make copies. The candidate for the degree of Doctor of Philosophy is expected to print his thesis under the supervision of the professor in charge of his major subject, within one year after the degree is granted,

and he is expected to present one hundred copies to the University, to be distributed among institutions of learning.

DOCTORATE DISPUTATIONS

The Fortieth Doctorate Disputation was held publicly on May 31, 1921. The theses that were successfully defended, the candidates, and the members of the boards of experts were as follows:

Thesis: Hydrogen ion concentration and acidity of cornmeal undergoing spoilage. By Carl D. Garby, B. S. in Chemical Engineering, University of Idaho, 1914. Before Charles Thom, Ph. D., in charge Microbiological Laboratory Bureau of Chemistry, U. S. Department of Agriculture; Lorin H. Bailey, B. S., Bureau of Chemistry, U. S. Department of Agriculture; Dr. Edgar T. Wherry, Ph. D., Bureau of Chemistry, U. S. Department of Agriculture. Hiram Colver McNeil, Ph. D., Professor of Chemistry, presiding.

Thesis: Manufacture and properties of steel plates containing zirconium and other elements. By Raymond West Woodward, B. S. 1914, Trinity College, Conn.; M. S. 1915, Trinity College. Before George K. Burgess, Sc. D., Physicist and Chief Division of Metals, Bureau of Standards; L. H. Adams, B. S., Physical Chemist, Geophysical Laboratory, Carnegie Institution; Robert B. Sosman, Ph. D., Physicist, Geophysical Laboratory, Carnegie Institution. Hiram Colver McNeil, Ph. D., Professor of Chemistry, presiding.

The Forty-first Doctorate Disputation was held publicly on October 18, 1921. The thesis that was successfully defended, the candidate, and members of the board of experts were as follows:

Thesis: Memory defects in organic psychoses. By Carl Johan Edward Liljencrants, A. M. 1913, Loyola College; S. T. B. 1915, S. T. D. 1918, Catholic University. Before Mildred E. Sheetz, M. D., Senior Assistant Physician, St. Elizabeth's Hospital; Percy Hickling, M. D., Professor of Neurology, Georgetown University; Loren T. Johnson, M. D. Shepherd Ivory Franz, Ph. D., Professor of Experimental Psychology, presiding.

The Forty-second Doctorate Disputation was held publicly on February 14, 1922. The thesis successfully defended, the candidate, and the members of the board of experts were as follows:

Thesis: Paleocene primates of the Fort Union. By James Williams Gidley, B. S. 1888, Princeton University; M. S. 1890, Princeton University. Before T. S. Palmer, M. D., Expert in Game Conservation, Bureau of Biological Survey, U. S. Department of Agriculture; F. H. Knowlton, Ph. D., Geologist, U. S. Geological Survey; Gerritt S. Miller, A. B., Curator, Division of Mammals, U. S. National Museum. Ray Smith Bassler, Ph. D., Professor of Geology, presiding.

GROUP I, DRAMA

Shakespeare: Julius Cæsar, Macbeth, or Hamlet.

GROUP II, POETRY

Milton: L'Allegro, Il Penseroso, and either Comus or Lycidas.

Tennyson: The Coming of Arthur, The Holy Grail, and The Passing of Arthur.

The selections from Wordsworth, Keats and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

GROUP III, ORATORY

Burke: Speech on Conciliation with America.

Macaulay's Two Speeches on Copyright, and Lincoln's Speech at Cooper Union.

Washington's Farewell Address and Webster's First Bunker Hill Oration.

GROUP IV, ESSAYS

Carlyle: Essay on Burns, with a selection from Burns' Poems.

Macaulay: Life of Johnson.

Emerson: Essay on Manners.

A test on the books prescribed under the *Study* groups will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

For the George Washington University Scholarship Entrance Examinations the books for *Reading* and *Study* will be the required English of the Washington High Schools.

LATIN

Elementary (two units)

a. I. Latin Grammar: The inflections; the simpler rules for composition and derivation of words; syntax of cases and the verb; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive.

II. Latin Prose Composition: Translation into Latin of detached sentences and easy continuous prose based on Caesar.

b. Cæsar: Any four books of the Gallic War, preferably the first four.

Advanced (two units)

a. Cicero: Any six orations from the following list, but preferably the first six mentioned. The four orations against Catiline,

Archias, the Manilian Law, Marcellus, Rosius, Milo, Sestius, Ligarius, the Fourteenth Philippic.

b. Virgil: The first six books of *Æneid*.

c. Advanced Prose Composition, consisting of continuous prose of moderate difficulty based on Cicero.

d. Sight Translation, based on prose of no greater difficulty than the easier portions of Cicero's orations.

GREEK

Elementary (two units)

a. I. Greek Grammar: The topics of the examination in Greek grammar are similar to those detailed under Latin grammar.

II. Greek Prose Composition, consisting principally of detached sentences to test the candidate's knowledge of grammatical constructions. The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

b. Xenophon: The first four books of the *Anabasis*.

Advanced (one unit)

a. Homer: The first three books of the *Iliad* (omitting II, 494, to end).

b. Sight Translation, based on prose of no greater difficulty than Xenophon's *Anabasis*.

FRENCH

Elementary (two units)

Candidates in Elementary French must have a good knowledge of the essential parts of grammar, with stress on pronouns and on regular verbs and the common irregular verbs. They must know the principles of pronunciation; must be able to translate simple English sentences or easy connected prose into French, and to translate accurately ordinary modern French prose. Candidates must have translated not less than 450 duodecimo pages by at least four different authors, of which amount at least one-third must be history. Candidates must have had a two-years' course of five periods per week.

Advanced (two units)

Candidates in advanced French must have partly translated, partly read, in addition to the requirements for Elementary French, at least 1,000 pages of difficult French of several different authors, including history, fiction, drama, and poetry. Candidates must have had a four-years' course of five periods per week.

Fraser and Squair's French Grammar or Grandgent's Essentials of French Grammar is recommended.

pyramids, and the regular solids; of cylinders, cones, and spheres; of spherical triangles and the measurement of surfaces and solids.

Plane Trigonometry (one-half unit)

The definitions and relations of the six trigonometrical functions as ratios, proof of important formulas, theory of logarithms and use of tables, solution of right and oblique plane triangles.

PHYSICS

(One unit)

It is recommended that the candidate's preparation should include:

- a. Individual laboratory work, comprising at least thirty-five exercises well distributed over the subjects of physics.
- b. Instruction by lecture-table demonstrations.
- c. The study of at least one standard text-book, supplemented by the use of many and varied numerical problems. The metric system should be familiar to the student.

The laboratory note-book must be submitted for inspection, whether the candidate is admitted on certificate or by examination.

CHEMISTRY

(One unit)

The candidate's preparation in chemistry should include:

- a. Individual laboratory work, comprising at least forty experiments of a character analogous to those set forth by the College Entrance Examination Board. The laboratory note-book must be submitted for inspection.
- b. Instruction by lecture-table demonstrations.
- c. The study of at least one modern text-book.

Requirements.—The ground to be covered should include the following: The chief physical and chemical characteristics, the isolation and the recognition of the following elements and the preparation and study of their principal compounds: *Oxygen, hydrogen, carbon, nitrogen, chlorine, bromine, iodine, fluorine, sulphur, phosphorus, silicon, potassium, sodium, calcium, magnesium, zinc, copper, mercury, silver, aluminum, lead, tin, iron, manganese, chromium.*

The more detailed study should be confined to the italicized elements (as such) and to a restricted list of compounds, such as water, hydrochloric acid, carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, ammonia, sulphur dioxide, sulphuric acid, hydrogen sulphide, sodium hydroxide, ammonium hydroxide.

Attention should be given to the atmosphere (constitution and

relation to animal and vegetable life), flame, acids, bases, salts, oxidation and reduction, crystallization, combining proportions by weight and volume, calculations founded on these and on Boyle's and Charles' laws, symbols, formulas, equations and nomenclature, atomic theory, atomic weights, nascent state, natural groups of the elements, solution (solvents and solubility of gases, liquids, and solids), strength of acids and bases, conservation and dissipation of energy, chemical energy and electrolysis, and of valence, electrolytic dissociation, osmosis, mass action in a very elementary way. Chemical terms should be clearly understood, and the student should be able to illustrate and apply the ideas that they embody. The theoretical topics are not intended to form separate subjects of study, but to be taught only so far as is necessary for the correlation and explanation of the experimental facts. The facts should be given as examples from various classes and not as isolated things.

ADDITIONAL SUBJECTS

Certificates will be accepted in botany, zoology, physiology, physiography, political economy, drawing, music, and other accredited subjects in secondary schools.

Manual-training High School Subjects

Technical subjects in manual-training high schools, or schools of similar grade, when duly certified, will be credited as follows:

Shopwork (not exceeding two units), domestic science and domestic art (not exceeding two units).

Business High School Subjects

Commercial subjects in business high schools or schools of similar grade, when duly certified, will be credited to the extent of four units.

ADMISSION TO ADVANCED STANDING

Due credit is given for properly certified courses of study pursued in other colleges and universities.

SPECIAL STUDENTS

All the courses of instruction are open to students of suitable age and attainments who wish, without reference to any degree, to pursue special studies. Candidates must show that they are familiar with the subjects preliminary to the studies which they wish to pursue.

often as vacant, to a young woman of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

The David Spencer Scholarship Fund.—This fund was established by a bequest from Louisa J. Spencer. The income is used to aid in defraying the expenses of students who meet certain conditions established by the terms of the bequest.

Admiral Powell Endowment.—The Admiral Powell Endowment was made by Admiral Levin M. Powell, U. S. Navy. The income from this endowment is for the "free education of such young men as may desire to take advantage of the said endowment by way of their preparation for entrance into the Naval Academy at Annapolis, Maryland, or such as may fit them to become mates or masters in the Merchant Marine Service of the United States," and of "such apprentices as, having filled their time in the great steam manufactory establishments of the country, may apply for appointment from civil life in the Steam Engineer Department of the United States Navy." The number of scholarships awarded each year will be determined by the income from the endowment. Each scholarship will entitle the beneficiary to free tuition for one year. Such special courses of study are offered to each student as will give him the instruction needed to accomplish the purpose for which he is awarded the scholarship.

These scholarships are especially applicable to those who intend to come up for examination as warrant officers in the Engineer Department of the Navy, to warrant officers who are preparing for examination for appointment as Ensign, to persons desiring to enter the Navy as Acting Ensigns for engineering duty, or to those who desire to fit themselves for responsible positions in the mercantile marine.

The subjects to be taken by a student will vary according to his preparation and according to the purpose for which he has been awarded the scholarship, but a year's work can be selected from the following topics:

| | <i>Hours</i> |
|--|--------------|
| Navigation and Nautical Astronomy..... | 4 |
| Algebra and Geometry..... | 6 |
| Trigonometry | 3 |
| Mechanical and Machine Drawing..... | 8 |
| English | 6 |
| French | 6 |
| German | 6 |
| Spanish | 6 |
| International law | 6 |

| | |
|-------------------------------|---|
| Commercial Geography | 6 |
| Boilers and Power Plants..... | 3 |
| Mechanical Laboratory | 4 |
| Electrical Engineering | 6 |

Ministerial Aid.—The University authorizes the remission of a stated amount in tuition fees, to be called Ministerial Aid, which may be given to students, resident in the District of Columbia or its immediate vicinity in the regular courses of Columbian College, preparing for the ministry and not yet ordained. Any student receiving Ministerial Aid may be called upon for clerical or like work to the extent of not more than one hour a week for every twelve dollars of tuition remitted, and of not more than four hours in any one week.

University Aid.—The University authorizes the remission of a stated amount in tuition fees, to be called University Aid, which may be loaned to undergraduate students in regular courses in the Departments of Arts and Sciences, whose circumstances warrant pecuniary assistance. Any student receiving University Aid is expected to repay it as soon as possible. In occasional instances he may be enabled, while still a student, to repay it in part or whole through clerical or like service rendered the University.

PRIZES

(Only candidates for degrees may compete for these prizes)

Staughton and Elton Prizes.—The Staughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D. D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar in each of these languages.

Ruggles Prizes.—The Ruggles Prizes, for excellence in Mathematics, founded by Professor William Ruggles, LL. D., consist of two gold medals, annually awarded upon examination to the best two scholars in Mathematics.

Davis Prizes.—The Davis Prizes were founded by Hon. Isaac Davis, of Massachusetts, in 1847. The original endowment was five hundred dollars, "proceeds of which will afford three premiums, in cash or gold medals, of the value of five dollars, ten dollars, and of fifteen dollars annually—these premiums or prizes to be distributed annually to such members of the Senior Class as shall have made the greatest progress in elocution since their connection with the College." Only members of the Senior Class are eligible to compete for these prizes.

Daughters of the American Revolution Prize.—This prize, founded by the Daughters of the American Revolution of the District of Columbia, consists of a gold medal, awarded annually to the student in the graduating class who, having maintained a high standing in the several courses in History offered by the University, shall produce the best essay upon an assigned topic of American history.

The Thomas F. Walsh Prize.—This prize, established by Thomas F. Walsh, Esq., of Colorado, and based upon the income of one thousand dollars, consists of a gold medal awarded annually to that student of the graduating class who, having maintained a high standard in the several courses in History, shall produce the best essay upon a designated period of the History of England in its association with the History of Ireland.

E. K. Cutter Prize.—The E. K. Cutter Prize in English was founded by the late Marion Kendall Cutter. The endowment is a fund of one thousand dollars, the income of which is given annually as a prize "for excellence in the study of English." The prize will be awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude and attainment in English studies.

Willie E. Fitch Prize.—The Willie E. Fitch Prize, for highest excellence in all branches of Chemistry, founded by James E. Fitch, Esq., in memory of his son, consists of fifty dollars, which is awarded annually for the best examination in Chemistry.

The Gardiner G. Hubbard Memorial Prize.—This is a prize in American History established by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard. The endowment is a fund of one thousand dollars, the income from which is to be given annually to that member of the graduating class who has during four years maintained a high standing in the several classes in History, and who has produced the best essays upon subjects based upon a study of some assigned period of American history.

Muth Prize.—Geo. F. Muth and Company offer a slide rule to the student who makes the highest record in Mechanical Drawing 1.

Colonial History Prize.—The Society of the Colonial Dames of America, Chapter III, offers annually a gold medal for excellence in American Colonial History. This prize will be awarded by the professor of History for general excellence in this subject as shown by class standing, by special essays, and by such other tests as shall be prescribed.

James Macbride Sterrett, Jr., Prize.—Founded by Professor

James Macbride Sterrett, in memory of his son, consists of a gold medal annually awarded to that student taking Course 1 in Physics who obtains the highest average in a special examination on a given subject and in the writing of an essay on an assigned topic.

The Chi Omega Prize in Sociology.—An annual prize of fifteen dollars is offered by the Phi Alpha Chapter of the Chi Omega Fraternity for the best essay on a sociological subject to be announced by the Committee in Charge. Essays must meet the requirements defined by the Committee and be submitted on or before April 1.

Sigma Kappa English Prize.—An annual prize of a set of books to the value of ten dollars is offered by the Sigma Kappa Fraternity to the student passing the best examination in the year's work in English Rhetoric. All members of the classes in English Rhetoric are eligible for this special examination, which will be given during the final examinations.

Pi Beta Phi Prize in Political Science.—The Pi Beta Phi Fraternity has set aside ten dollars as a prize for the best essay written during the year by a student of political science on a subject approved by the instructor. The essays must be submitted by May first.

Pi Beta Phi Prize in Education.—An annual prize of ten dollars is offered by the Pi Beta Phi Fraternity for the best essay on an educational topic. The essays will be judged by a committee of three, consisting of the Professor of Education and two others designated by him. The essays must be submitted by May first.

Phi Mu Prize in Playwriting.—An annual prize is offered by the Phi Mu Fraternity for a one-act play of approved excellence written by a student in the University. The award will be made by the English Department of the University, and the George Washington University Players shall have the opportunity to give the first production of the play.

Sigma Kappa Prize in Chemistry.—A prize of ten dollars is offered annually by Zeta Chapter of Sigma Kappa Fraternity to that student who passes the best examination in Chemistry, 1, 2 and 23.

Genevieve Chatterton McCutchins Prizes.—Two cash prizes of \$25.00 and \$15.00, based on the income of a memorial fund of one thousand dollars, to be awarded annually for the best and the next best essays on subjects connected with Archaeology or Painting. In their award consideration will be given to students' knowledge of contemporary literature, history, or music, as relat-

ing to the progress of the fine arts. These prizes are open to both graduates and undergraduates.

Kappa Alpha Prize in Economics.—An annual prize of ten dollars is offered by the Alpha Nu Chapter of Kappa Alpha Fraternity for the best essay on a subject in the field of Economics. The essays will be judged by a committee of three, consisting of the Professor of Economics, a member designated by the Fraternity and a third member designated by the first two. The essays must be submitted by the first of May.

Alchemists Prize.—The Alchemists offer annually a gold medal to the graduating student who has attained the highest average in Chemical subjects, provided that he has completed an amount of Chemistry equal to the minimum required for a degree in Chemistry or Chemical Engineering and that at least three-fourths of this work has been done at George Washington University.

Dietzen Prize.—The Eugene Dietzen Co. offers a drop bow pen to the student making the highest record in Machine Drawing.

Sigma Tau Prize.—The Xi chapter of Sigma Tau offers annually a gold medal to the student in the College of Engineering who presents the best paper before the Engineering Society. Only those who have not completed the required number of credit hours to become a Junior (70) are eligible to compete.

DAVIS PRIZE SPEAKING

The Davis Prize Speaking is held on the second Tuesday after the Easter holidays. The award of these three prizes is determined by a public speaking contest, in which the participants deliver original orations. Senior students wishing to enter the competition should report to Professor Croissant not later than five weeks before the contest, and submit their orations not later than three weeks before the contest. The prizes are awarded by a committee consisting of three members, appointed by the Department of English.

PRIZE AWARDS, 1920-1921

Davis Prizes.—First Prize, Oscar Henry Lindow. Second prize, Bernadette Michelson. Third prize, Robert Nelson Anderson.

Daughters of the American Revolution.—Etta H. Mathews, Miriam H. Selah.

Thomas F. Walsh Prize.—Mary Estelle Rose.

E. K. Cutter Prize.—Martha Lucy Waring.

Willie E. Fitch Prize.—Norris H. Sanborn.

Gardner G. Hubbard Prize.—Herbert B. Nichols.

Muth Prize.—Russel Edward Frusheur.

Sigma Kappa Prize, in English.—Maxine F. Rolle.

- Phi Mu Prize, in Playwriting.*—Stanley W. Nichols.
Alchemists Prize.—Beverly Leonidas Clarke.
Colonial Dames Prize.—Harry Wright Newman.
Genevieve Chatterton McCutchins Prizes.—First prize, Alexandra L. Galeski. Second prize, Ruth Bell.

HIGH SCHOOL SCHOLARSHIPS, 1920-1921

- Kendall Scholarship.*—Allen M. Boettcher, Central High School.
First University.—Thelma Hunt, Central High School.
Second University.—Harold A. Wheeler, Central High School.
Third University.—Walter C. Myers, Central High School.
Fourth University.—Lyle W. Ohlander, Central High School.
Fifth University.—Isidore Alpher, Central High School.
Sixth University.—Elizabeth H. Bradford, Central High School.

COLLEGE CHAPEL

Chapel Services are held at 12.20 p. m., Monday, Wednesday, and Friday, throughout the academic year.

The Deans of the Colleges will confer with students as they may desire on questions concerning their welfare and will cooperate with them in all ways to make the college life one of personal helpfulness.

For catalogues, application blanks, and further information, address

THE REGISTRAR,

The George Washington University,
 2033 G Street, Washington, D. C.

FEES

- | | |
|--|------|
| 1. Annual registration fee..... | \$ 2 |
| 2. Tuition fee for each semester-hour credit of courses leading to the degrees of A. B., B. S., A. M., M. S., C. E., E. E., M. E. | 6 |
| The maximum fee charged in any one year is \$180. | |
| 3. Tuition fee per annum for graduate courses leading to the degree of Ph. D. | 180 |
| 4. Registration fee for students taking problems of the Beaux Arts Society | 6 |
| 5. Laboratory courses: | |
| Material fees: | |
| Experimental Psychology | 2 |
| Botany 1, Geology 1, Zoology 1, 2, 3, each..... | 5 |
| Chemistry 2, 3, 7, 28, 30, each..... | 10 |
| Chemistry 4 (Assaying)..... | 20 |
| Chemistry 8, 31, each..... | 5 |
| Chemistry 20, 21, 25, 32, each..... | 25 |

| | |
|---|----|
| Domestic Science 1, 2, 3, 4, each..... | 10 |
| Electrical Engineering 4, 5, each..... | 5 |
| Electrical Engineering 24..... | 10 |
| Mechanical Engineering 9, 10, 11, each..... | 5 |
| Physics 2, 4, each..... | 10 |
| Physics 28 | 5 |
| Preventive Medicine 51..... | 10 |
| Deposits to cover breakage of apparatus issued, the amount paid in excess of breakage to be returned: | |
| Chemistry 2, 3, 7, 8, 28 and 30, each..... | 10 |
| Chemistry 20, 32, each..... | 15 |
| Chemistry 21 and 25, each..... | 20 |
| 6. Microscope rental in Botany 1 and Zoology 1, 3..... | 5 |
| 7. Tuition fee for the following special course, not taken by candidates for a degree: | |
| Chemistry 4 (Assaying)..... | 40 |
| 8. Reinstatement fee | 2 |
| 9. Fee for certificates under the seal of the University..... | 2 |
| 10. Fee for graduation..... | 10 |

Students are registered for the college year unless otherwise stated on the registration paper. All requests for withdrawals or for changes in courses of study must be made in writing to the Dean or Registrar, and a student is liable for all charges for the courses for which he has registered unless changes are approved by the Dean or Registrar.

All charges are by the scholastic year. Registration, library and other special fees and laboratory deposits are due in full in advance. Tuition and laboratory material fees may be paid in eight monthly installments in advance.

A student is not entitled to attend a class until his registration has been approved by the Dean or Registrar and payment has been made at the Treasurer's office. The first payment is due not later than October first, and subsequent monthly payments are due on the first of each following month. In case a student fails to make his monthly payments promptly he may be excluded from classes. Continued delay in making payments will be followed by dismissal of the student from the University.

Students will not be assigned desks in the Chemical Laboratory until they exhibit a receipt for the payment of the laboratory deposit, or present an authorization from the Dean.

Students unable to pay their fees monthly in advance will be required to furnish as security an acceptable personal or corporate bond for \$200 for which a charge of \$3.00 will be made.

All fees are payable at the office of the treasurer of the University, 2101 G Street.

COLUMBIAN COLLEGE

ADMISSION

Candidates for admission to the Freshman Class in Columbian College must meet the general admission requirements (p. 24) of fifteen units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. *The fifteen units of the entrance requirement must include English, 3 units; Algebra through quadratics, 1½ units; Plane Geometry, 1 unit; and one of the following languages: Latin, Greek, French, German, or Spanish, 2 units.* The remainder of the requirements is elective and may be satisfied in general by any accredited secondary school subjects.

For admission to advanced standing or as special students, see p. 31.

REQUIREMENTS FOR DEGREES

The undergraduate degrees offered by Columbian College are Bachelor of Arts, and Bachelor of Science in Medicine. To be recommended for either of these degrees, the student must satisfy the admission requirements, and must complete at least one hundred and twenty semester-hours of undergraduate courses at *least eighteen semester-hours of which (or twelve semester-hours in the combined courses), must be completed in the Department of Arts and Sciences.* A "semester-hour" of credit is one recitation or lecture a week or one laboratory period a week for one semester. No time limit for the course is prescribed and the degree is given when the total of prescribed and elective studies is completed.

The class hours are so arranged that persons who can give only part time to college work may complete a full college course and obtain a degree. Such students usually take six years to complete the course. The two class periods from five-ten o'clock to six-fifty schedule classes in required and elective subjects. The drawing rooms and laboratories are open from nine o'clock in the morning until half past ten at night.

One grade of special distinction is recognized in awarding the bachelor's degree. It is shown by inserting the words "With Distinction" on the diploma after the name of the degree. It is awarded under the following conditions:

"That the names of all students who have received a mark of at least B (90 per cent) on courses representing at least sixty (60) per cent of all hours taken by them be submitted by the

Dean to the Faculty of the Department in which the student shall be studying for a degree;

"That the Faculty, after separate consideration of each individual case, shall, if it see fit, recommend the awarding of the degree 'With Distinction' to students who shall have fulfilled the conditions above specified."

FOR THE DEGREE OF BACHELOR OF ARTS

To be recommended for the degree of Bachelor of Arts, the student must complete courses of study amounting to at least one hundred and twenty semester-hours including a group of prescribed subjects.

There are six curriculum groups, each leading to the degree of Bachelor of Arts. Every candidate for the degree of Bachelor of Arts selects one of these groups, and thereafter he is not permitted to change to another group except on condition that he fulfill the requirements of the group to which he changes.

The studies of the last two years are largely elective, subject to such administrative supervision as will insure the general consistency and the liberal character of the courses selected.

The scope of the six curriculum groups is a provision alike for the diversity in the subjects of the secondary school curriculum leading to a college course, and the needs of the various graduate and professional courses of study in the University for which the college course is a preparation.

Group I emphasizes Latin and Greek studies, and it would naturally be taken by the student whose preparatory work has included four years of Latin or two years of preparatory Latin supplemented by "Latin B" in college.

Group II emphasizes the Modern Languages, affording to students whose preparation has not included Latin the humanistic influences of the literatures of the Modern Languages.

Group III emphasizes Mathematics and the Natural Sciences, and would naturally be selected by the student whose college preparation has been scientific rather than literary.

Group IV emphasizes Political Science and Economics and History, constituting important preparation for the Law School or the public service.

Group V includes all the pre-medical subjects and is specially constituted as a regular college course in preparation for the Medical School.

Group VI emphasizes Commerce and kindred subjects in preparation for commercial life or the public service.

(NOTE.—Whenever in the following groups a modern language

is taken if it is elementary, the same language shall be continued the succeeding year.)

| GROUP I, LATIN | | Semester Hours |
|---------------------------------------|--|-------------------|
| Latin* | | 12 |
| Foreign Languages | | 18 |
| English | | 12 |
| History | | 6 |
| Mathematics | | 6 |
| Philosophy | | 6 |
| Electives | | 60 |
| | | 120 |
| GROUP II, MODERN LANGUAGES | | |
| Modern Languages | | 24 |
| English | | 12 |
| History | | 12 |
| Philosophy | | 6 |
| Political Science | | 6 |
| Natural Science | | 6 |
| Electives | | 54 |
| | | 120 |
| GROUP III, NATURAL SCIENCE | | |
| Natural Science | | 18 |
| Mathematics | | 12 |
| English | | 6 |
| Modern Languages | | 12 |
| Philosophy | | 6 |
| Economics | | 6 |
| Electives | | 60 |
| | | 120 |
| GROUP IV, POLITICAL SCIENCE | | |
| Political Science and Economics | | 18 |
| History | | 12 |
| English | | 6 |
| Modern Languages | | 12 |
| Mathematics | | 6 |
| Philosophy | | 6 |
| Electives | | 60 |
| | | 120 |

* Students who offer only the two elementary units of Latin for admission may qualify for Group I by taking "Latin B" in college (see p. 78), but this will not be counted as a part of the twelve semester-hours of Latin required in this group.

DEPARTMENT OF ARTS AND SCIENCES

GROUP V, PRE-MEDICAL

| | <i>Semester Hours</i> |
|---|---------------------------|
| Chemistry 1, 2 and 8..... | 16 |
| Physics 3 and 4..... | 10 |
| Zoology 3 | 8 |
| English | 6 |
| Modern Languages (preferably French or German)..... | 12 |
| Philosophy (including Psychology)..... | 6 |
| Mathematics | 6 |
| Electives | 56 |
| | <hr/> 120 |

GROUP VI, COMMERCE

| | |
|------------------------------------|-----------|
| Commerce | 16 |
| Economics | 10 |
| Political Science and History..... | 18 |
| English | 6 |
| Modern Languages | 12 |
| Mathematics | 6 |
| Philosophy | 6 |
| Electives | 46 |
| | <hr/> 120 |

COMBINED SIX-YEAR COURSE FOR THE DEGREES OF
BACHELOR OF ARTS AND BACHELOR OF LAWS

Professional courses in Law will be credited towards the degree of Bachelor of Arts to the extent of thirty semester-hours. On the completion of ninety semester-hours of work in college, at least twelve semester-hours of which must be taken in the Department of Arts and Sciences, including all of the required subjects in some one of the curriculum groups, and of the first year of the regular course in the Law School, the student will receive the degree of Bachelor of Arts. This combined course contemplates three years of college study and three years in the Law School. The effect is to shorten the period of study for the two degrees one year.

COMBINED SEVEN-YEAR COURSE FOR THE DEGREES OF
BACHELOR OF ARTS AND DOCTOR OF MEDICINE

Professional courses in Medicine will be credited towards the degree of Bachelor of Arts to the extent of thirty semester-hours. On the completion of ninety-semester hours of credit in college, at least twelve semester-hours of which must be taken in the De-

partment of Arts and Sciences, including all of the required subjects in some one of the curriculum groups, preferably Group V, and on the completion of the first year of the regular course in the Medical School, the student will receive the degree of Bachelor of Arts. This combined course contemplates three years of college study and four years in the Medical School. The effect is to shorten the period of study for the two degrees one year.

PUBLIC SERVICE COURSES

These courses are designed to impart general culture and a broad grasp of public questions, and thus to provide a training that will prove of value in commercial life, the practice of law, or public service. The work prescribed is broader than the requirement for entrance into the Consular and Diplomatic Service, so that the student who completes with credit the appropriate courses has a training that will fit him to rise to the higher positions in the service to which he may be appointed.

Regular students who are preparing for the Government Service should register for Group IV or Group VI, of the curriculum requirements for the degree of Bachelor of Arts, and should elect, also, the subjects named in Section 2 of the "Regulations Governing Examinations Promulgated by the Board of Examiners, December 13, 1906."

Special students who are preparing for the Consular Service examinations should register for such courses as relate to subjects named in Section 2, of the Government Regulations.

REGULATIONS GOVERNING EXAMINATIONS PROMULGATED BY THE BOARD OF EXAMINERS, DECEMBER 13, 1906*

Section 2 reads as follows: The examinations will consist of an oral and a written one, the two counting equally. The object of the oral examination will be to determine the candidate's business ability, alertness, general contemporary information, and natural fitness for the service, including moral, mental, and physical qualifications, character, address, and general education and good command of English. In this part of the examination the applications previously filed will be given due weight by the Board of Examiners, especially as evidence of the applicant's business experience and ability. The written examination will include those subjects mentioned in the Executive order, to-wit, at least one modern language other than English—French, German, or Spanish;* the natural, industrial, and commercial resources and the commerce

* As amended by Board of Examiners, February 18, 1911.

of the United States, especially with reference to possibilities of increasing and extending the foreign trade of the United States; political economy, and the elements of international, commercial, and maritime law. It will likewise include American history, government, and institutions; political and commercial geography; arithmetic (as used in commercial statistics, tariff calculations, exchange, accounts, etc.); the modern history, since 1850, of Europe, Latin America, and the Far East, with particular attention to political, commercial, and economic tendencies. In the written examination, composition, grammar, punctuation, spelling, and writing will be given attention.

Students who seek a designation for consular and diplomatic examination should apply to the Department of State for full information. Consular service examinations are held in Washington only.

Suggestions for Freshmen Courses in the Curriculum Groups

GROUP I, LATIN

Latin 1 or "B," English, History, Mathematics, French or German.

GROUP II, MODERN LANGUAGES

French, German, English, History, Chemistry 1 (or Chemistry 1 and 2) or Botany.

French or German, Spanish, English, History, Mathematics.

French or German, Spanish, English, Political Science, Zoology or Botany.

GROUP III, NATURAL SCIENCE

Chemistry 1 and 2, Mathematics, English, French, German or Spanish, Economics.

GROUP IV, POLITICAL SCIENCE

Political Science, History, English, French or German, Mathematics.

Economics, Political Science, English, Mathematics, Spanish.

Economics, English, History, Mathematics, Spanish.

GROUP V, PRE-MEDICAL

Chemistry 1 and 2, Zoology 3, English, French or German, Mathematics.

GROUP VI, COMMERCE

Economics, Commerce, English, French or Spanish, Political Science or History, Mathematics.

GENERAL SUGGESTIONS

English Rhetoric (1 or 2) is required in every curriculum group. Mathematics is required in every group except the second, and the required amount must be taken in college; History should begin with Mediaeval History; Modern Languages should be taken in a sequence of at least two years in the same language. Information about all studies is given in the alphabetical arrangement of subjects under "Courses of Instruction."

The specified subjects in the selected group should be taken in the earlier part of the college course leaving the electives for the later years. Subjects should be chosen with view to an even distribution through the days of the week. Most courses come three times a week, either on Monday, Wednesday and Friday, or on Tuesday, Thursday and Saturday. Most general culture subjects are given in two sections, one early in the day and one late. Students who have all their time for college work should take the early sections. The late sections are given in the last two periods, at five-ten o'clock or at six o'clock, in order to afford to those employed in Government offices the opportunities of college study. Teachers in the public schools can usually take also the courses announced for four o'clock.

Fifteen hours a week is a standard amount of work for completing the college course in four years; twenty hours a week should be regarded as a maximum under any conditions. When the college work is limited to the last two periods and the evening laboratory periods, the length of the course is generally six years.

Detailed information about fees is given on pages 39-40.

SIX-YEAR COURSE FOR THE DEGREES OF BACHELOR OF SCIENCE IN MEDICINE AND DOCTOR OF MEDICINE

Regular students in this course will complete in two years the prescribed work in college, at least twelve semester-hours of which must be taken in the Department of Arts and Sciences, and the four-year course in the Medical School. On the completion of this six-year course the student will receive at the same time the degrees of Bachelor of Science in Medicine and Doctor of Medicine. The curriculum for the Freshman and Sophomore years in college, including the pre-medical requirements, is as follows:

FRESHMAN YEAR

| | <i>Semester Hours</i> |
|------------------------|---------------------------|
| Chemistry 1 and 2..... | 10 |
| English 1 or 2 | 6 |

| | <i>Semester Hours</i> |
|--|---------------------------|
| French or German..... | 6 |
| Mathematics | 6 |
| Zoology 3 | 8 |
| | <hr/> |
| | 36 |
| SOPHOMORE YEAR | |
| Chemistry 8 | 6 |
| French, German or Spanish..... | 6 |
| Philosophy (including Psychology)..... | 6 |
| Physics 3 and 4 | 10 |
| Zoology 2 | 6 |
| Electives | 2 |
| | <hr/> |
| | 36 |

SPECIAL COURSE FOR ADMISSION TO THE MEDICAL SCHOOL

| FIRST YEAR | |
|---|-------|
| Chemistry 1 and 2 | 10 |
| English 1 or 2 | 6 |
| Zoology 3 | 8 |
| Electives | 6 |
| | <hr/> |
| Total semester-hours | 30 |
| SECOND YEAR | |
| Physics 3 and 4 | 10 |
| Chemistry 8 | 6 |
| Electives other than Natural Science..... | 14 |
| | <hr/> |
| Total semester-hours | 30 |

NOTE.—The Council on Medical Education of the American Association states:—"Of the 60 semester-hours required as the measurement of 2 years' work, at least 18, including the 6 semester-hours in English, should be in subjects other than the physical, chemical, or biologic science."

COLLEGE OF ENGINEERING

ADMISSION

Candidates for admission to the Freshman Class in the Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering and Physics Courses are required to present fifteen units for admission, distributed as follows:

| | <i>Units</i> |
|---|--------------|
| English | 3 |
| Foreign Language (preferably French, German or Spanish) | 2 |
| Plane and Solid Geometry | 1½ |
| Elementary and Advanced Algebra | 2 |
| Plane Trigonometry | ½ |
| Chemistry | 1 |
| Physics | 1 |
| Electives | 4 |
| <hr/> | |
| Total | 15 |

Candidates for admission to the Freshman Class in the Chemistry Course are required to present fifteen units for admission, distributed as follows:

| | |
|---|----|
| English | 3 |
| Foreign Language (preferably French, German or Spanish) | 2 |
| Plane Geometry | 1 |
| Elementary and Intermediate Algebra | 1½ |
| Chemistry | 1 |
| Electives | 6½ |
| <hr/> | |
| Total | 15 |

Candidates for admission to the Freshman Class in the Architectural Course are required to present fifteen units for admission, distributed as follows:

| | |
|---|----|
| English | 3 |
| Foreign Language (preferably French, German or Spanish) | 2 |
| Plane and Solid Geometry | 1½ |
| Elementary and Advanced Algebra | 2 |
| Plane Trigonometry | ½ |
| Electives | 6 |
| <hr/> | |
| Total | 15 |

For detailed description of the requirements in each preparatory subject, see page 25.

For admission to advanced standing or as a special student, see page 29.

COURSES FOR A DEGREE

Seven courses are offered:

- I. CIVIL ENGINEERING.
- II. ELECTRICAL ENGINEERING.
- III. MECHANICAL ENGINEERING.
- IV. CHEMICAL ENGINEERING.
- V. CHEMISTRY.
- VI. ARCHITECTURE.
- VII. PHYSICS.

These courses occupy four years each, and lead to the degree of Bachelor of Science in Civil Engineering, in Electrical Engineering, in Mechanical Engineering, in Chemical Engineering, in Chemistry, in Architecture and in Physics, respectively. Graduate courses of one year under the Faculty of Graduate Studies of the George Washington University are open to those who receive the appropriate engineering degrees, and lead, respectively, to the degrees of Civil Engineer, Electrical Engineer, and Mechanical Engineer.

PART-TIME STUDENTS

The class hours are so arranged that persons who can give only part time to college work may complete a full engineering course and obtain a degree. Such students usually take six years to complete the course. Classes in all the general studies of the engineering courses and in many of the technical subjects are regularly scheduled in the two class periods from five-ten o'clock to six-fifty; and other technical courses are given in alternate years in these periods. The drawing rooms and laboratories are open from nine o'clock in the morning until half past ten at night.

REQUIREMENTS FOR A DEGREE

The arrangement of the topics in each of the regular courses for degree is shown below. The numbers following the names of subjects refer to the courses as given in the list of Department Subjects on page 66, to which reference should be made for more complete description.

CIVIL ENGINEERING COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

FRESHMAN YEAR

| | <i>Semester-Hour Credits</i> |
|---|----------------------------------|
| Chemistry 1, 7 | 10 |
| General Chemistry and Qualitative Analysis. | |
| English 1 or 2 | 6 |
| Rhetoric. | |
| French, German or Spanish | 6 |
| Mechanical Drawing 1, 8 | 6 |
| Mechanical Drawing; Descriptive Geometry. | |
| Mathematics 9 or 12 | 6 |
| Trigonometry; Analytic Geometry. | |

SOPHOMORE YEAR

| | |
|---|----|
| Civil Engineering 1, 3, 4 | 16 |
| Surveying; Highway Engineering; Materials of Construction. | |
| Commerce 33 | 4 |
| Commercial Law. | |
| Mathematics 18 or 19 | 6 |
| Calculus. | |
| Physics 1, 2 | 10 |
| General Physics; Laboratory Physics. | |

JUNIOR YEAR

| | |
|--|----|
| Applied Mathematics 20, 21, 22 | 12 |
| Mechanics; Hydraulics, Mechanics or Materials. | |
| Civil Engineering 2, 22 | 12 |
| Railroad Engineering; Theory of Structures. | |
| Electrical Engineering 1 | 4 |
| Engineering Electricity. | |
| Geology 21 | 4 |
| Engineering Geology. | |
| Elective | 4 |

SENIOR YEAR

| | |
|--|----|
| Civil Engineering 21, 23, 24, 27 | 30 |
| Hydraulic Engineering; Theory of Structures; Sanitary Engineering; Reinforced Concrete. | |
| Electives | 4 |

**ELECTRICAL ENGINEERING COURSE LEADING TO THE
DEGREE OF BACHELOR OF SCIENCE IN ELEC-
TRICAL ENGINEERING**

FRESHMAN YEAR

Identical with the Civil Engineering Course.

SOPHOMORE YEAR

| | <i>Semester-Hour Credits</i> |
|--------------------------------------|----------------------------------|
| Civil Engineering 4 | 4 |
| Materials of Construction. | |
| Commerce 33 | 4 |
| Commercial Law. | |
| Mathematics 18 or 19 | 6 |
| Calculus. | |
| Mechanical Drawing 2 | 4 |
| Machine Drawing. | |
| Mechanical Engineering 1 | 8 |
| Mechanism. | |
| Physics 1, 2 | 10 |
| General Physics; Laboratory Physics. | |

JUNIOR YEAR

| | |
|--|----|
| Applied Mathematics 20, 21, 22 | 12 |
| Mechanics; Hydraulics; Mechanics of Materials. | |
| Chemistry 6 | 2 |
| Metallurgy. | |
| Civil Engineering 5, 6 | 2 |
| Surveying Instruments; Foundations. | |
| Electrical Engineering 2, 4, 5 | 10 |
| Direct Current Theory and Machinery; Electrical Engineering Laboratory. | |
| Mechanical Engineering 9, 20 | 8 |
| Engineering Laboratory; Thermodynamics, Steam Boilers and Power Plant Accessories. | |

SENIOR YEAR

| | |
|--|----|
| Electrical Engineering 21, 22, 23, 24, 27, 28, 29, 30..... | 26 |
| Alternating Currents; Electrical Distribution; Electrical Applications; Electrical Engineering Laboratory; Electric Railways; Telephones and Telegraph; Electric Illumination; Design. | |
| Mechanical Engineering 10, 23 | 4 |
| Engineering Laboratory; Hydraulic Machinery. | |
| Electives | 6 |

**MECHANICAL ENGINEERING COURSE LEADING TO THE
DEGREE OF BACHELOR OF SCIENCE IN
MECHANICAL ENGINEERING**

FRESHMAN YEAR

Identical with the Civil Engineering Course.

SOPHOMORE YEAR

| | <i>Semester-Hour Credits</i> |
|--------------------------------------|----------------------------------|
| Civil Engineering 4 | 4 |
| Materials of Construction. | |
| Commerce 33 | 4 |
| Commercial Law. | |
| Mathematics 18 or 19 | 6 |
| Calculus. | |
| Mechanical Drawing 2 | 4 |
| Machine Drawing. | |
| Mechanical Engineering 1 | 8 |
| Mechanism. | |
| Physics 1, 2 | 10 |
| General Physics; Laboratory Physics. | |

JUNIOR YEAR

| | |
|--|----|
| Applied Mathematics 20, 21, 22 | 12 |
| Mechanics; Hydraulics; Mechanics of Materials. | |
| Civil Engineering 22 | 3 |
| Theory of Structures. | |
| Mechanical Engineering 9, 20, 24, 27, 32, 33 | 16 |
| Engineering Laboratory; Thermodynamics, Steam Boilers and Power Plant Accessories; Advanced Mechanism; Power Plant Problems; Industrial Management; Engineering Economics. | |
| Electrical Engineering 1 | 4 |
| Engineering Electricity. | |

SENIOR YEAR

| | |
|---|----|
| Civil Engineering 5, 6 | 2 |
| Surveying Instruments; Foundations. | |
| Electrical Engineering 4, 5 | 4 |
| Electrical Laboratory. | |
| Mechanical Engineering 10, 11, 23, 25, 26, 29, 30, 31, 34 | 23 |
| Engineering Laboratory; Hydraulic Machinery; | |

*Semester-Hour
Credits*

Machine Design; Dynamics of Machinery;
Heating and Ventilating; Gas Engines; Steam
Turbines; Refrigeration.

Electives 6

**CHEMICAL ENGINEERING COURSE LEADING TO THE
DEGREE OF BACHELOR OF SCIENCE IN
CHEMICAL ENGINEERING**

FRESHMAN YEAR

Architecture 2 2
Free-hand Drawing.
Chemistry 1, 2 10
General Chemistry; Laboratory Practice.
English 1 or 2 6
Rhetoric.
French, German or Spanish 6
Mathematics 9 or 12 6
Trigonometry; Analytic Geometry.
Mechanical Drawing 1 4
Mechanical Drawing.

SOPHOMORE YEAR

Chemistry, 3, 20 10
Chemical Laboratory; Qualitative Analysis.
Geology 1 4
Mineralogy.
Mathematics 18 or 19 6
Calculus.
Mechanical Engineering 1 8
Mechanism.
Physics 1 and 2 10
General Physics, Laboratory Physics.

JUNIOR YEAR

Applied Mathematics 20, 22 8
Mechanics; Mechanics of Materials.
Chemistry 6, 21, 23 14
Metallurgy; Quantitative Analysis; Organic
Chemistry.
Commerce 33 4
Commercial Law.
Electrical Engineering 1 4
Engineering Electricity.

*Semester-Hour
Credits*

| | |
|---|---|
| Mechanical Engineering 20 | 6 |
| Thermodynamics, Steam Boilers and Power Plant Accessories. | |

SENIOR YEAR

| | |
|---|----|
| Chemistry 24, 25, 26, 29 | 22 |
| Organic Chemistry; Organic Laboratory; Physi- cal Chemistry; Industrial Chemistry. | |
| Mechanical Engineering 9, 10 | 4 |
| Mechanical Laboratory. | |
| Electives | 6 |

CHEMICAL COURSE LEADING TO THE DEGREE OF
BACHELOR OF SCIENCE IN ARCHITECTURE

FRESHMAN YEAR

| | |
|--|----|
| Architecture 2 | 4 |
| Free-hand Drawing. | |
| Chemistry 1, 2 | 10 |
| General Chemistry; Laboratory Practice. | |
| English 1 or 2 | 6 |
| Rhetoric. | |
| French, German or Spanish | 6 |
| Mathematics 3 or 6 | 6 |
| College Algebra; Solid Geometry; Elementary Trigonometry. | |
| Mechanical Drawing 4 | 2 |
| Mechanical Drawing. | |

SOPHOMORE YEAR

| | |
|--|----|
| Chemistry 3, 20 | 10 |
| Chemical Laboratory; Qualitative Analysis. | |
| French, German or Spanish | 6 |
| Mathematics 9 or 12 | 6 |
| Trigonometry; Analytic Geometry. | |
| Physics 3, 4 | 10 |
| General Physics; Physics Laboratory. | |
| Electives | 4 |

JUNIOR YEAR

| | |
|---|----|
| Chemistry 21 (4), 23 | 12 |
| Quantitative Analysis; Organic Chemistry. | |
| Commerce 33 | 4 |
| Commercial Law. | |

| | <i>Semester-Hour Credits</i> |
|-----------------------------------|----------------------------------|
| Physics 25 | 6 |
| Advanced Laboratory. | |
| Electives* | 8 |
| SENIOR YEAR | |
| Mathematics 30 | 4 |
| Differential Equations. | |
| Physics 22, 23 (or 21, 24) | 12 |
| Light, Electricity and Magnetism. | |
| Physics 25 | 8 |
| Advanced Laboratory. | |
| Electives* | 10 |

SPECIAL STUDENTS

All the courses of instruction are open to students of suitable age and attainments who wish, without reference to any degree, to pursue special studies. Candidates must show that they are familiar with the subjects preliminary to the studies which they wish to pursue.

FEES

The annual tuition fee for a student taking courses aggregating fifteen or more hours a week throughout the year is one hundred and eighty dollars. Part-time students pay in accordance with the amount of work taken, the fee being six dollars for each semester-hour credit. For courses in the laboratories there are additional laboratory fees. Full statements in regard to the fees are given on pages 39-40.

* It is suggested that a major part of the electives be chosen from the following list: Applied Mathematics 21, 22; Astronomy 1; Chemistry 8, 30; Commerce 20, 33, 40, 45; Electrical Engineering 4, 5, 21, 24; Geology 2; Mechanical Engineering 20; Philosophy 1, 3.

TEACHERS' COLLEGE

The purpose of Teachers College is to provide (a) collegiate training for teachers, (b) instruction in education as a department of science.

The aims of the Teachers College may be summarized as follows:

- a. To promote the knowledge of educational science.
- b. To fit students for the higher positions in the public school service.
- c. To secure to teaching the rights and prerogatives of a profession.
- d. To aid in raising the standards of educational practice, and so to increase the efficiency of public education.

ORGANIZATION

Teachers College provides a four years' college course, the first two years of which are devoted to a foundation of general culture courses, and the last two to professional courses and to specialization in the subjects which the student expects to teach. The schedule of courses is arranged so as to meet the convenience of both full time and part time students. By attending afternoon and Saturday classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

ADMISSION

Candidates for admission to the Freshman Class in Teachers College must meet the general admission requirements (p. 25) of fifteen units. *Three of these must be in English, two and one-half in Mathematics, and two in one of the following languages: Latin, Greek, French, German, or Spanish.* The remainder of the required fifteen units may be satisfied by any accredited secondary subjects.

Persons desirous of taking work without becoming candidates for a degree, may be admitted as *special students* on the presentation of satisfactory evidence that they are qualified to pursue the work to advantage.

ADVANCED STANDING

Students transferring from normal schools, colleges, and other schools of similar rank will be admitted to such advanced standing as the courses they have pursued warrant. Graduates of normal schools with two-year courses resting upon graduation from an

SCHEDULE OF CLASSES IN COLUMBIAN COLLEGE AND TEACHERS' COLLEGE

| | Monday, Wednesday, Friday | |
|---------------|--|-------------------|
| <i>Course</i> | | <i>Instructor</i> |
| 9.15 | Economics 1A General Economics | Sutton |
| | Education 20 Principles of Teaching | Ruediger |
| | English 5 English Literature | Bolwell |
| | French 1A First Year French | Deibert |
| | History 7, 8 European History | Kayser |
| | Mathematics 3 Alg. Geom. Trig. | Hankin |
| | Pol. Sci. 29, 30 International Law | Hill |
| | Spanish 1A First Year Spanish | Giddings |
| 10.15 | English 23 Shakespeare | Wilbur |
| | English 36 English Novel | Bolwell |
| | French 3A Second Year French | Henning |
| | German 20 Literature | Schoenfeld |
| | Mathematics 9 Trig., Analytic Geom. | Erwin |
| | Philosophy 1, 3 Psychology; Logic | Moss |
| | Pol. Sci. 1, 3A U. S. Govt., State Govts. | Hill |
| | Spanish 1C First Year Spanish | Giddings |
| | Spanish 3A Second Year Spanish | Doyle |
| 11.15 | Economics 1B General Economics | Sutton |
| | Economics 29, 30 Banking; Finance | Kern |
| | Education 11, 3 Elements of Education | Sullivan |
| | German 3 Second Year German | Schoenfeld |
| | Greek 2 Xenophon, etc. | Smith |
| | Physics 1A General Physics | Brown |
| | Pol. Sci. 21, 22 European Governments | Hill |
| 1.45 | Commerce 25 Foreign Trade | Sutton |
| | German 7 Third Year German | Schoenfeld |
| | Home Economics 1 Domestic Science | Evans |
| | Latin 1 Livy, etc. | Smith |
| | Philosophy 23 Laboratory Psychology | Moss |
| | Physics 3A Introductory Physics | Brown |
| | Portuguese 3 Second Year Course | Coutinho |
| 2.45 | Greek 1 Herodotus, etc. | Smith |
| | History 1, 2 Medieval History | Swisher |
| | History 27, 24 Latin-American History | Churchill |
| | Portuguese 1 First Year Course | Coutinho |
| | Spanish 5 Third Year Spanish | Doyle |
| 4.00 | English 27 English Prose | Croissant |
| | French 5 19th-17th Century | Henning |
| | French 23 18th Century | Deibert |
| | History 3, 4 European History | Swisher |
| | Latin 2 Cicero, etc. | Smith |
| | Political Science City Govt.; Cons. Law | West |
| | Romance Lit 2 Literature | Coutinho |
| | Spanish 22 Literature | Doyle |
| 5.10 | Commerce 40, 42 Ind. Hist. U. S.; Wld. Pol. | Kochenderfer |
| | Education 25 Secondary Education | Sullivan |
| | English 2 Rhetoric | Wilbur |
| | English 31 Journalism | Chace |
| | English 56 English Comedy | Croissant |

SCHEDULE OF CLASSES

63

| | <i>Course</i> | <i>Instructor</i> |
|-----------------------------|--|-------------------|
| | French 2A First Year French | Protzman |
| | French 7 Conversational | Benéteau |
| | French 26 Literature | Henning |
| | German 21 Literature | Schoenfeld |
| | History 25 English History | Churchill |
| | Home Economics 2 Domestic Science | Evans |
| | Italian 2 First Year Course | Miller |
| | Mathematics 4A Algebra; Trig. | Hodgkins, H.G. |
| | Mathematics 4B Algebra; Trig. | Hankin |
| | Mathematics 12A Trig.; Anal. Geom. | Erwin |
| | Philosophy 4, 2 Logic; Psychology | Ruediger |
| | Physics 1B General Physics | Cheney |
| | Physics 22 Light | Brown |
| | Pol. Sci. 35, 36 Far East; Latin Amer. | West |
| | Spanish 2A First Year Spanish | Doyle |
| | Spanish 2E First Year Spanish | Giddings |
| | Spanish 4A Second Year Spanish | Deibert |
| | Spanish 7 Conversation | Vasquez |
| | Spanish 6 Third Year Spanish | Jones |
| | Zoology 2 Vertebrates | Bartsch |
| | Zoology 3 Premedical Course | Bartsch |
| 6.00 | Commerce 36 Commercial Geography | Kochenderfer |
| | Economics 2 General Economics | Kern |
| | Education 27, 28 School Administration | Sullivan |
| | English 25 English Drama | Croissant |
| | English 50 Milton | Wilbur |
| | French 2B First Year French | Protzman |
| | French 8 Conversation | Benéteau |
| | German 4 Second Year German | Schmidt |
| | History 26 History of the West | Churchill |
| | History 30 Amer. Constitut'l Hist. | McArthur |
| | Italian 4 Second Year Course | Miller |
| | Mathematics 6A Alg., Geom., Trig. | Hodgkins, H.G. |
| | Mathematics 6B Alg., Geom., Trig. | Hankin |
| | Mathematics 12B Trig., Analytic Geometry | Erwin |
| | Physics 3B Introductory Physics | Cheney |
| | Spanish 2B First Year Spanish | Deibert |
| | Spanish 2F First Year Course | Jones |
| | Spanish 8 Advanced Conversation | Vasquez |
| | Zoology 1 Invertebrates | Bartsch |
| Tuesday, Thursday, Saturday | | |
| 9.15 | Botany 1A General Botany | Griggs |
| | Economics 21 Accounting | Sutton |
| | French 1B First Year French | Deibert |
| | History 5, 6 Ancient History | Kayser |
| | Mathematics 5 Alg., Trig. | Hankin |
| | Mathematics 19 Calculus | Hodgkins, H.L. |
| | Spanish 3B Second Year Spanish | Protzman |
| 10.15 | English 1 Rhetoric | Wilbur |
| | English 29 American Literature | Croissant |
| | History 22 American History | Churchill |
| | French 3B Second Year French | Giddings |

| <i>Course</i> | | | <i>Instructor</i> |
|---------------|-------------------------------------|-------------------------|-------------------|
| | | <i>Tuesday</i> | |
| 6.10 | Chemistry 6 | Metallurgy | McNeil |
| | | <i>Wednesday</i> | |
| 5.10 | Geology 3 | Geography | Resser |
| | Philosophy 28 | Philosophy of Nature | Richardson |
| 6.00 | Geology 6 | Human Geography | Resser |
| | | <i>Thursday</i> | |
| 2.45 | Latin 22 | Latin Composition | Smith |
| | | <i>Saturday</i> | |
| 9.15 | } Education 22 to } Education 31 | History of Education | Ruediger |
| 11.15 | | Mental Tests | Moss |
| 10.15 | English 62 | XV and XVI Century Lit. | Bolwell |
| 11.15 | History 33 | Current History | Swisher |

COURSES OF INSTRUCTION PROVIDED BY THE DEPARTMENT OF ARTS AND SCIENCES

Courses of instruction are divided into three sections.

First-section courses may be taken by third or fourth year students only by permission of the Dean and the professor in charge of the subject. They may sometimes be recommended to graduate students, but are not counted toward the higher degrees. The courses in the second section are in general for advanced students, candidates for the bachelor's degree; they serve, however, with additional work, as minors for the higher degrees, provided they have not already counted toward a degree. They may be taken by students in the second year of their course only by special permission of the professor in charge. The course in the third section are in general for graduate students only, candidates for one or other of the higher degrees. They are open to undergraduates only on the recommendation of the instructors, and no undergraduate student shall take in one year more than one course in the third section. When an announced course has not been applied for by at least three students, candidates for a degree, the instructor may withdraw the course. First-section courses are numbered 1 to 19, inclusive; second-section courses 20 to 49, inclusive; third-section courses, 50 and upwards. The number of hours, unless otherwise specified, indicate hours per week throughout the year. The unit of credit is one hour of recitation or lecture work per week for one semester; laboratory hours in chemistry and drawing count one-third unit each, in other subjects one-half unit each. Laboratories and drawing rooms will be open from 9.15 a. m. till 10 p. m., with competent assistants in charge to direct students. No student is admitted to a course unless he fulfills all the preliminary re-

quirements for the course, or otherwise satisfies the instructor that he is prepared to pursue it. Every student must make his election of courses so as to avoid conflict between the hours appointed for recitations.

Under each course is stated the number of credits for which the course is counted toward satisfying the requirements for the undergraduate degrees of Bachelor of Arts and Bachelor of Science, or for the graduate degrees of Master of Arts and Master of Science, or for the graduate degree in engineering.

APPLIED MATHEMATICS

Second Section. For Undergraduates and Graduates.

20. *Analytical and Applied Mechanics.*—(1) Statics: including composition, resolution and equilibrium of forces; center of gravity; moment of inertia. (2) Kinematics and Kinetics: including rectilinear, curvilinear and rotary motion; dynamics of machinery; work and energy; friction; impact. Four hours, first half-year. Four semester-hour credits. Professor MILLER and Professor HITCHCOCK.

21. *Hydraulics.*—The theoretical principles of hydraulics: including hydrostatics, flow through orifices, over weirs, through pipes and in open channels, and the dynamic pressure of water. Two hours. Four semester-hour credits. Professor LAPHAM.

22. *Mechanics of Materials and Theory of Elasticity.*—Elastic and ultimate strength and deformation; simple, cantilever and continuous beams; shear, riveted joints, torsion, columns, resilience, combined stress, curved beams and hooks; theories of elastic limit and failure. Four hours, second half-year. Professor MILLER and Professor HITCHCOCK.

ARCHAEOLOGY AND HISTORY OF ART

Second Section. For Graduates and Undergraduates.

20. *History of Art.*—An introductory course in the history of architecture, sculpture and painting, illustrated by photographs, lantern slides and casts. 1921-22, Prehistoric, Classical and Medieval Art; 1922-23, Renaissance and Modern Art. Section A. *Wed., Fri.*, at 4. Section B. *Wed., Fri.*, at 5.10. Four semester-hour credits. Professor CARROLL.

Third Section. Primarily for Graduates.

50. *Pro-Seminary of Art and Archaeology.* (a) Prehistoric Art and Archaeology. Six semester-hour credits. Professor CARROLL. (b) History and Appreciation of Painting. Illustrated lectures on the schools of painting from the Renaissance down to the Amer-

33. *Water Color*.—A course of drawing in water color from still life and from buildings and gardens. Two periods. Four semester-hour credits. Professor BIBB.

39. *Building Construction*.—Masonry foundations, pile foundations, stone work, brick work, fire-proofing, ornamental terra cotta, plastering, specifications. *Wed., Fri.*, at 6.00 and two periods in the drawing room, second half-year. Four semester-hour credits. Assistant Professor SMITH.

40. *Water Color*.—An advanced course in water color drawing including studies from life. Two periods. Four semester-hour credits. Professor BIBB.

41. *Heating and Ventilating*.—Elementary principles of heating and ventilating; details of installation of hot air, hot water, and steam heating plants. *Wed., Fri.*, at 5.10; second half-year. Two semester-hour credits. Mr. FLEMING.

43. *Office Practice*.—A course of lectures on office practice, business methods of an architect and special types of buildings by the teaching staff and practicing architects of the District of Columbia. Two semester-hour credits.

44. *Advanced Construction*.—A course arranged especially for architectural students, embracing problems in the determination of beam sizes, girder and column design, grillage beam footings and the design of the simpler forms of trusses. Four semester-hour credits. Mr. FLEMING.

ASTRONOMY

First Section. Primarily for Undergraduates.

1. *Popular Astronomy*.—A course in elementary descriptive astronomy designed to give facts of general interest without the use of higher mathematics. Recitations, lectures and papers on special topics assigned to each student. *Tu., Th.*, at 11.15. Four semester-hour credits. Professor ERWIN.

ASTRO-PHYSICS

Third Section. Primarily for Graduates.

54. A lecture course on the astro-physical instruments employed in modern research. Six semester-hour credits. Mr. FOWLE.

55. Some applications of Astrophysics, Geophysics, Chemical Physics and Colloidal Physics to Meteorology. Six semester-hour credits. Mr. FOWLE.

56. Some interrelations between Astrophysics, Geophysics, Atomic Physics and Colloidal Physics. Six semester-hour credits. Mr. FOWLE.

BACTERIOLOGY AND CLINICAL MICROSCOPY*Second Section. For Undergraduates and Graduates.*

20. *Bacteriology.* General bacteriology; bacteriological technic; preparation of culture media; methods of sterilization and disinfection; routine study of about ten non-pathogenic bacteria; cultural, microscopical and serological study of about forty pathogenic organisms. Students are also taught the preparation of vaccines, agglutinating, hemolytic and other immune sera, commonly employed in diagnosis, including the Wassermann Reaction. Moulds, yeast, spoilage of food and contamination of water are also considered, together with methods for qualitative and quantitative estimation. This course consists of 48 lectures and quizzes, and 96 hours in the laboratory. Special tuition fee, \$60.00.

22. *Clinical Microscopy.*—Technic for counting red and white blood cells, various methods of hemoglobin estimation, differential counting of white blood cells; study and recognition of malarial parasites and other blood parasites. Microscopic study of the sediments of normal and pathologic urines, stomach contents, feces, including a detailed study of animal parasites and their eggs; microscopical examination of sputum, spinal fluid, exudates, etc. The significance and value of these findings as applied to pathology and diagnosis are considered. This course consists of 16 lectures and quizzes and 32 hours in the laboratory. Special tuition fee \$25.

BOTANY*First Section. For Undergraduates.*

Courses 1 and 2, in General Botany aim to present in orderly fashion such a knowledge of the vegetable kingdom as everyone needs to understand plants, their mode of life and their bearing on human affairs. Text: Ganong, Textbook of Botany.

1. *The Living Plant.*—A study of the structure and function of the flowering plant as a working mechanism. Section A: Tues., Thurs., 9.15. Laboratory Sat., 9.15-11.15. Section B: Tues., Thurs., at 5.10. Laboratory, Sat., 5.10-6.50. Three semester-hour credits. First half-year. Professor GRIGGS.

2. *The Plant Kingdom.*—A rapid survey of the principal group of plants followed by practice in determining the common native plants. Prerequisite: one semester's work in college biology. Section A: Tu., Th., 9.15. Laboratory Sat., 9.15-11.15. Section B: Tu., Th., 5.10. Laboratory Sat., 5.10-6.50. Second half-year. Three semester-hour credits. Professor GRIGGS.

27. *Stereo-Chemistry*.—This course deals with the arrangement of atoms in space from a theoretical standpoint, while the student is taught how to form models by which to illustrate their arrangements. Two hours. Four semester-hour credits. Assistant Professor HILL.

28. *Biochemistry*.—A laboratory course in the chemical examination of some of the chief foodstuffs, the tissues and fluids of the body, and the products of certain organisms; also the isolation of the digestive enzymes and a study of their action *in vitro*. Three three-hour periods. Six semester-hour credits. Professor MYERS.

29. *Industrial Chemistry*.—This course deals with the manufacture of substances styled "chemicals" and with the application of chemistry to the arts and industries. Six semester-hour credits. Mr. RIFFENBERG.

30. *Physical Chemistry*.—A laboratory course, designed to illustrate and supplement Chemistry 26; and especially adapted to the needs of those students who have taken or are taking that course. Two three-hour periods. Four semester-hour credits. Assistant Professor HILL.

31. *Chemical Microscopy*.—A laboratory course in the use of the microscope and microscopical methods in chemical work. One three-hour period. Monday from 7.00 to 10.00 p. m. Two semester-hour credits. Assistant Professor HILL.

NOTE.—The number of students will be limited and preference will be given in the order of registration.

32. *Dyestuffs*.—A lecture and laboratory course for the study of the basic principles involved in the production of crudes, intermediates and finished dyes; methods of manufacture and purification; identification and separation in bulk, on textiles and from foods; theories of color; photographic developers and color filters; applications of dyestuffs commercially; market conditions and patent literature; research. Twelve hours per week; eight semester-hour credits. Miss DOYLE.

Third Section. Primarily for Graduates.

51. *Analytical Methods*.—Six semester-hour credits. Additional credits may be earned by special arrangement. Professor MCNEIL.

57. *Research in Physical Chemistry*.—Six semester-hour credits. Additional credits may be earned by special arrangement. Professor MCNEIL.

58. *Research. Special Problems*.—Facilities for research are available in a number of lines, especially, dyestuffs and explosive substances. For particulars consult Professor MCNEIL.

Students in Chemistry are invited to attend the meetings of the Chemical Society of Washington which are held on the second and fourth Thursdays of each month, from October to May, in the Assembly Hall of the Cosmos Club, at 8 p. m., and also the meetings of the Chemical Society of the George Washington University which is a most active and efficient student organization.

CIVIL ENGINEERING

First Section. Primarily for Undergraduates.

1. *Surveying (Plane and Higher) and Geodetic (Practical) Astronomy.*—Lectures, recitations, field work. computations and drafting. Lectures and recitations include the theory, adjustment and use of surveying instruments; methods of making land, topographic, hydrographic and geodetic surveys, and determining time, latitude, longitude and azimuth.

Field work includes adjusting the various surveying instruments, determining areas, leveling, traverses, stadia distances, topography, triangulation, time, latitude, longitude and azimuth. Computation and drafting include the reduction of all field work and plotting results. Breed and Hosmer's Surveying, two vol. Three recitations per week and three hours per week for field and drafting work throughout the year. Section A: *Mon., Wed., Fri.*, at 1.45. Section B: *Mon., Wed., Fri.*, at 6.00. Eight semester-hour credits. Professor FRENCH.

2. *Railroad Engineering.*—This course includes recitations, field and drawing-room work. The recitations cover railroad curves and earth-work, methods of location and construction of railway lines. The field work consists of a preliminary and location survey; the laying out of circular and transition curves, etc. The computations and mapping consist of making an estimate of quantities and cost of a piece of line, making maps, profiles and a mass diagram. Two lecture-recitations and one three-hour field or drawing period a week throughout the year. Six semester-hour credits. Professor FRENCH.

3. *Highways and Pavements.*—This course comprises the study of highway economics, location, construction and maintenance; the various methods of surfacing; the materials used and the standard tests of these materials. A study is also made of the methods of street paving, street grades, etc. Two hours a week. Four semester-hour credits. Professor FRENCH.

4. *Materials of Construction.*—A course in the study of the chemical and physical properties of: stone, brick, lime, wood, iron, steel and a few of the minor alloys. Stress is laid on the manufacture and the properties of the materials that affect their use in

engineering construction. The class-room work is supplemented by laboratory tests and by inspection trips to testing laboratories and manufacturing plants. Two hours a week. Four semester-hour credits. Professor LAPHAM.

5. *Surveying Instruments*.—A two months' course for Mechanical and Electrical Engineering students, covering the use of the compass, transit, and level. Lectures and field exercises, two hours. One semester-hour credit. Professor FRENCH.

6. *Foundations*.—A two months' course for Mechanical and Electrical Engineering students, covering the general principles of foundation construction and the materials used. Two hours. One semester-hour credit. Professor LAPHAM.

Second Section. For Undergraduates and Graduates.

21. *Hydraulic Engineering*.—The design and construction of water-power plants and irrigation works. Flow of rivers; rainfall and runoff; methods of development; hydraulic motors; power transmission. Irrigation plans; distributing system; water rights and irrigation law. Two lectures and one design period. Six semester-hour credits. Professor LAPHAM.

22. *Structures*.—A course covering the determination of stresses in simple framed structures and their deflections by graphical and analytical methods. The first term is principally devoted to graphic statics; the second to bridge trusses under uniform and wheel loads. One lecture and two design periods. Six semester-hour credits. (Mechanical engineering students take only the first term. Three semester-hour credits.) Professor MILLER.

23. *Structures*.—A course covering the determination of stresses in the more complicated framed structures such as draw bridges, cantilever bridges and suspension bridges; also the design of timber and steel roof trusses and buildings; plate girder, riveted and pin connected bridges; bridge piers and abutments. Three lectures and two design periods. Ten semester-hour credits. Professor MILLER.

24. *Sanitary Engineering*.—Water supply; the collection, storage and distribution of water; the design and construction of dams, reservoirs and storage tanks; construction and maintenance of water distributing systems; pumping machinery; quality of water; interpretation of water analyses; sedimentation and aeration of water; sand filtration; mechanical filtration; chemical treatment of water; the relation of water supply to infectious diseases.

Sewerage; sewerage and drainage systems; methods of dis-

posal of sewage and trade wastes; treatment of sewage; garbage and refuse disposal. Three lectures and one design period. Eight semester-hour credits. Professor LAPHAM.

27. *Reinforced Concrete Construction*.—The theory and design of reinforced concrete slabs, beams, columns, foundations and walls; estimating reinforced concrete work; structures of plain concrete and masonry. Two recitations and one design period. Six semester-hour credits. Professor LAPHAM.

Third Section. Primarily for Graduates.

50. *Reinforced Concrete Structures*.—Theory and design; buildings, bridges, retaining walls, dams, tanks, etc. One lecture and two design periods. Six semester-hour credits.

51. *Advanced Steel Structures*.—Theory and design of suspension, cantilever, movable and arch bridges. One lecture and two design periods. Six semester-hour credits.

53. *Railroad Engineering*.—An advanced course in railroad location construction and maintenance of way. It must be preceded by Civil Engineering Course 2. Six semester-hour credits.

54. *Water and Sewage Purifications*.—An advanced course dealing with the practical application of the principles and methods involved in the purification of water supplies and in the disposal and treatment of sewage. One lecture and two design periods. Six semester-hour credits.

CLASSICAL LANGUAGES AND LITERATURES

Greek

First Section. Primarily for Undergraduates.

A. *Elementary Course*.—For students who have not taken Greek before matriculating. It aims to cover as much as possible of the entrance requirement in Greek, with the exception of Homer. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Professor SMITH. Not given in 1922-23.

B. *Homer: Iliad I-IV*.—For students who have taken course A and desire to prepare themselves to enter Course I. *Tu., Th.*, at 9.15. Four semester-hour credits. Professor SMITH.

1. Herodotus (selections); Lysias (selected orations); Euripides (*Alcestis*); Greek prose composition. *Mon., Wed., Fri.*, at 2.45. Six semester-hour credits. Professor SMITH.

2. Xenophon (*Memorabilia*); Thucydides (*Book VII*); Sophocles (*Antigone*). *Mon., Wed., Fri.*, at 11.15. Six semester-hour credits. Professor SMITH.

Second Section. For Undergraduates and Graduates.

20. Plato (selections, including the Apology and Crito); Aristophanes (Clouds or Frogs). *Tu., Th.*, at 1.45. Four semester-hour credits. Professor SMITH. Not given in 1922-23.

21. Demosthenes (selected orations); Lucian (selected dialogues); Homer (selections). *Tu., Th.*, at 1.45. Four semester-hour credits. Professor SMITH.

Latin

First Section. Primarily for Undergraduates

B. *Cicero's Orations and Vergil's Aeneid*.—For students who have satisfied the admission requirements in elementary Latin but have not done the work specified under the advanced requirements. It will include a thorough study of several of the *Orations* and of three or four books of the *Aeneid*, supplemented by private reading, and some practice in the writing of Latin. *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Professor SMITH.

1. Livy (Book I or XXI); Cicero (*De Senectute*); Horace (*Odes and Epodes*); Latin prose composition. Open to students who have satisfied the admission requirements in elementary and advanced Latin, or have satisfactorily completed Course B. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Professor SMITH.

2. Cicero and Pliny (selected Letters); Horace (*Satires and Epistles*); Martial (selections). *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor SMITH.

Second Section. For Undergraduates and Graduates.

20. Tacitus (selections); Terence (*Phormio*); Plautus (*Captivi*). *Tu., Th.*, at 10.15. Four semester-hour credits. Professor SMITH.

21. Quintilian, Book X, and Horace, *Ars Poetica*; Catullus, Tibullus and Propertius. *Tu., Th.*, at 10.15. Four semester-hour credits. Professor SMITH. Not given in 1922-23.

22. *Advanced Latin Composition and Reading at Sight*.—Practice in Latin expression and style. *Th.*, at 2.45. Two semester-hour credits. Professor SMITH.

Third Section. Primarily for Graduates.

The work in this section is designed to afford discipline in the methods of philological criticism, with special reference to the interpretation of classical authors, and will include opportunities for original research on the part of competent students. In order to make the work as helpful as possible for those who expect to become teachers, the center of study each year will be one of the authors usually taught in the secondary schools. With the ap-

proval of the instructor, properly qualified Seniors may be admitted to these courses. The authors selected are as follows:

50. *Vergil, and Roman Epic Poetry*.—Two hours. Six semester-hour credits. Professor SMITH.

51. *Caesar, and the Roman Historians*.—Two hours. Six semester-hour credits. Not given in 1922-23.

52. *Cicero, and Roman Oratory*.—Two hours. Six semester-hour credits. Professor SMITH. Not given in 1922-23.

Classical Literature

First Section. Primarily for Undergraduates.

1. *General Survey of Classical Greek Literature (in English)*.—This course is designed to give an outline of the development of the different departments of literature in ancient Greece and will include selected readings, in translation, from the most important authors. Being primarily intended for students who are not taking Greek or Latin, it does not require a knowledge of those languages, and is open to all undergraduates as an elective. Tu., Th., at 4. Four semester-hour credits. Professor SMITH.

2. *General Survey of Latin Literature (in English)*.—This course is similar in purpose and method to Course 1, and will alternate with it. The subject of study will be the work of the most important ancient Roman authors. Tu., Th., at 4. Four semester-hour credits. Professor SMITH. Not given in 1922-23.

COMMERCE

Second Section. For Undergraduates and Graduates.

20. *Principles of Business*.—An introductory course in Business Economics and preparatory to the courses in Corporation, Finance, Transportation, Business Administration, etc. The following topics indicate the scope of the course, viz: Financing and management of business enterprises; purchasing; advertising; selling; ocean traffic and freight trade credit; forecasting business conditions; banking; exchange; financial statements. Not given in 1921-22. Three semester-hour credits. Assistant Professor KOCHENDERFER.

22. *The Principles of Commercial Organization and Foreign Trade*.—This course deals with the problems of marketing raw and finished products, and commercial analysis. The course affords practical preparation for expert work in foreign trade. Organization of export merchants, export agents and commission houses; advertising and trade promotion work. Tu., Th., Sat., at 5.10. Six semester-hour credits. Assistant Professor KOCHENDERFER.

25. *Foreign Trade*.—This course in foreign trade surveys international and commercial policies and the methods of conducting export and import business. A careful study of the financing of foreign trade is made. Prerequisite: Economics 1 or 2. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Assistant Professor SUTTON.

33. *Commercial and Maritime Law*.—A study of the principles of the law relating to commercial transactions, especially contracts, sales, bailments, agency, partnership, negotiable instruments, and common carriers, with some study of Admiralty law. Section A, *Tu., Th.*, at 11.15; Section B, *Tu., Th.*, at 6.00. Four semester-hour credits. Professor ALDEN.

36. *Commercial and Industrial Geography*.—During the first term, a general survey is made of the products, industries, and commerce of the United States and of the principal foreign countries. This survey is supplemented during the second term by a detailed study of agriculture, mining, and manufactures, throughout the world, but with special reference to the United States; separate treatment of each important crop and branch of manufactures, with inquiry into the causes of the localization of industry, *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Assistant Professor KOCHENDERFER.

40. *Industrial and Commercial History of the United States*.—Business aspects of early American colonization; the westward movement and the public lands; the development of internal improvements and railways; tariff history and policy. Growth of industry, agriculture, commerce; labor and capital; industrial and commercial problems of today. *Mon., Wed., Fri.*, at 5.10. First half-year. Three semester-hour credits. Assistant Professor KOCHENDERFER.

42. *European Industrial Evolution and World Politics*.—A somewhat detailed study of the awakening of Japan, the problem of China, the interplay of rival imperial ambitions in the Far East, the causes of the World War, the Versailles Peace Conference and the international settlement made thereby. The introductory portion of the course will cover as intensively as time will permit agrarian problems, colonial expansion, and commercial policies, the development of industry, and transportation. *Mon., Wed., Fri.*, at 5.10. Second half-year. Three semester-hour credits. Assistant Professor KOCHENDERFER.

45. *History of Commerce*.—The rise and progress of commerce from antiquity to modern times, with particular emphasis on the effects of commerce on civilization and the relations between commercial and political development. Not given in 1921-22.

47. *Transportation*.—Development and control of transportation in the United States and Europe. Railroad construction, competition, combination, regulation, rates discrimination. Government ownership. Ocean carriage; subsidies; combination; rebates; ports and terminals; marine insurance. The U. S. Shipping Board, Railroad Administration and Emergency Fleet Corporation activities. Not given in 1921-22. Second half-year. Three semester-hour credits. Assistant Professor KOCHENDERFER.

48. *Relation of Government to Property and Industry*.—Incorporation and regulation of companies, common law and monopolies, the anti-trust acts and their results. Public utilities commissions and boards; regulations of security issues, etc. National incorporation and other methods of proposed regulation examined. Reconstruction problems. The tendency toward federal control of commerce and industry. Police power regulations, etc. Not given in 1921-22.

Third Section. Primarily for Graduates.

52. *Corporation Finance and International Trade Seminar*.—For qualified advanced students and graduates. Special opportunities will be offered students desiring to acquaint themselves with the best literature and do intensive work in the preparation of theses. Hours to be arranged. Four semester-hour credits. Assistant Professor KOCHENDERFER.

NOTE: The above statements are for the session of 1921-22. For the session of 1922-23 there will be changes and rearrangements of the courses. These changes will be announced in September.

ECONOMICS AND SOCIOLOGY

First Section. Primarily for Undergraduates.

1. *General Economics*.—This course in the principles of economics studies the production and consumption of wealth, value and price, the organization of business enterprise, and the problems connected with money and banking. During the second semester, international trade, the distribution of wealth, certain selected economic problems (transportation, insurance, agriculture and socialism) and public finance are considered. Readings and problems are assigned. The class-room work is mainly discussional. Section A: *Mon., Wed., Fri.*, at 9.15; Section B: *Mon., Wed., Fri.*, at 11.15; Section C: *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Assistant Professor SUTTON.

2. *General Economics*.—An outline course in the principles of political economy devoted mainly to the study of production and exchange under present-day conditions, followed by a study of the

problems of rent, interest, wages, and profits, and including an examination of competition, private property, and economic programs. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor KERN.

Second Section. For Undergraduates and Graduates.

21. *Principles of Accounting*.—A first-year course in accounting designed to give the student an understanding of the purpose of accounting records and practice in making such records. Emphasis is placed upon the analysis of business facts and the construction of business statements. This course should be preceded by or taken with Economics 1. Two class hours and one two-hour practice period. *Tu., Th., Sat.*, at 9.15. Six semester-hour credits. Assistant Professor SUTTON.

22. *General Sociology*.—An outline course in the principles of sociology devoted mainly to an examination of the organization of society and its ideals, with a study of the social systems, their functions, efficiencies and programs for their development. Prerequisite, Economics or Psychology. First half-year. *Tu., Th.*, at 5.10. Two semester-hour credits. Professor KERN.

23. *Modern Social Problems*.—A further analysis of modern social conditions with special studies of current questions in sociology. Prerequisite, the course in general sociology. Second half-year. *Tu., Th.*, at 5.10. Two semester-hour credits. Professor KERN.

24. *The History of Economic Thought*.—A review of the development of economics as a science from the earliest times to the present. Lectures and library readings. Two hours, first half-year. Given in alternate years. Not given in 1922-23. Professor KERN.

26. *Public Finance*.—A course in the development of budgetary and fiscal methods and principles. The history and tendencies of public expenditure under the Federal and State Governments. The theory of taxation; administration of public domains, and industries; public debts. Second half-year. *Tu., Th.*, at 6.00. Two semester-hour credits. Professor KERN.

27. *Money and Banking*.—The history and theory of money; the production of the precious metals; the theory of prices and measurement of price fluctuations; monetary systems; the relation of the Treasury system to our money supply; the theory of credit and banking; the national system of the United States and the banking system of foreign nations. First half-year. *Tu., Th.*, at 6.00. Two semester-hour credits. Professor KERN.

28. *Economic Problems*.—An advanced course devoted to a

more thorough study of the problems developed in the general course in economics. Research and preparation of papers to be presented to the class for discussion and criticism. Credit for Course 1, General Economics, is requisite for admission to this course. Not given in 1922-23. Professor KERN.

29. *Money and Banking*.—Similar to Course 27. First half-year. Mon., Wed., Fri. at 11.15. Three semester-hour credits. Professor KERN.

30. *Public Finance*.—Similar to Course 26. Second half-year. Mon., Wed., Fri. at 11.15. Three semester-hour credits. Professor KERN.

43. *Combinations, Trusts*.—A discussion of the conditions which have favored the growth of large business combinations, the nature of their organization, their influence upon prices and productive efficiency, and the regulation and supervision of them. First half-year. Mon., Fri., at 9.15. Two semester-hour credits. Professor KERN.

44. *Labor Problems*.—A brief sketch of the labor movement in the United States and of the aims and methods of trade unions, followed by a discussion of such problems as: child labor, dangerous occupations; workingmen's insurance against sickness, old age, accident, and unemployment; strikes and industrial conflicts; conciliation and arbitration; collective bargaining. Second half-year. Mon., Fri., at 9.15. Two semester-hour credits. Professor KERN.

48. The elements of statistical method, including the definition and isolation of the problem, collection of material, classification and tabulation, diagrams and graphs, types, dispersion, correlation, probable error, methods of smoothing, during the first semester. A brief study of index numbers, and an application of elementary statistical methods to some particular field of inquiry during the second semester. Tu., Th., Sat., at 5.10. Six semester-hour credits. Doctor PHILLIPS.

49. A study of the probability curve, partial correlations, curve fitting, and error of samples during the first semester. Vital statistics, including enumeration, registration; birth, death and marriage rates; methods of adjustment, morbidity rates, and the general application of statistical methods to the field of public health, during the second semester. Prerequisite: Economics 48. Tu., Th., at 7.30 p. m. Six semester-hours. Mr. SYDENSTRICKER.

Third Section. Primarily for Graduates.

51. *Seminar in Sociology*.—A research course for the detailed investigation of special sociological problems, suitable for those

who are engaged in original investigation or in the preparation of a thesis. Hours to be arranged. Six semester-hour credits. Professor KERN.

EDUCATION

First Section. Primarily for Undergraduates.

11. *The Elements of Education*.—An introductory course in the theory, practice, and administration of Education. First half-year. Mon., Wed., Fri., at 11.15. Three semester-hour credits. Mr. SULLIVAN.

13. *History of Education*.—A brief course in the historical development of educational theory and practice. Second half-year. Mon., Wed., Fri., at 11.15. Three semester-hour credits. Mr. SULLIVAN.

16. *Junior High School Methods*.—(a) First half-year: General Science. (b) Second half-year: Mathematics. A consideration of course of study, subject-matter, text-books, and methods of presentation. Mon., Fri., at 4. Four semester-hour credits.

18. *Junior High School Methods*.—(a) First half-year: History. (b) Second half-year: English. Course of study, textbooks, subject-matter, and methods of presentation. Tu., Th., at 4. Four semester-hour credits.

Second Section. For Undergraduates and Graduates.

20a. *Principles of Teaching*.—A comprehensive course in the principles underlying the teaching process in its intellectual, emotional and motor phases. Special attention is given to making teaching concrete and meaningful. First half-year. Mon., Wed., Fri., at 9.15. Three semester-hour credits. Professor RUEDIGER.

20b. *Principles of Education*.—A comprehensive course in the bases, aims, values and essential content of education as revealed by biological, psychological, sociological and ethical principles. Second half-year. Mon., Wed., Fri., at 9.15. Three semester-hour credits. Professor RUEDIGER.

21a. *Principles of Education*.—A brief course in the bases, aims, values and essential content of education as revealed by biological, psychological, sociological and ethical principles. Second half-year. Tu., Th., at 4.00. Two semester-hour credits. Professor RUEDIGER.

21b. *Principles of Teaching*.—A brief course in the psychological and logical principles underlying the teaching process. Second half-year. Tu., Th., at 4.00. Two semester-hour credits. Assistant Professor MOSS.

(Courses 20 and 21 should be preceded or accompanied by gen-

eral psychology. Course 21 is designed especially for teachers in service.)

22. *History of Education*.—A general course in the historical development of educational theory and practice. *Sat.*, 9.15-11.15. Four semester-hour credits. Professor RUEDIGER.

25. *Secondary Education*.—First semester: (a) A study of the administrative and pedagogical aspects of the Junior High School. Second semester: (b) The Senior High School. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Mr. SULLIVAN.

27. *School Administration*.—The public school system: Its development; economic and political relations; organization of administration, financial and educational; problems of administration. First half-year. *Mon., Wed., Fri.*, at 6.00 Three semester-hour credits. Mr. SULLIVAN.

28. *Supervision and Management*.—Second half-year. *Mon., Wed., Fri.*, at 6.00. Three semester-hour credits. Mr. SULLIVAN.

29. *Educational Story Telling*.—Study of type stories, adaptation of the stories, practical story telling. It is the purpose of the course to develop a basis for the selection and presentation of suitable children's literature, taking into consideration the various stages of the child's development. Lectures, required reading and reports. Not given in 1922-23. Four semester-hour credits. Mrs. ALBION.

31. *Mental and Educational Tests*.—First semester: The testing of general intelligence and special abilities, accompanied by practical work with group and individual tests. Second semester: Measurement in education; principles underlying the construction of tests and examinations; practice in the use of standardized scales and tests. *Sat.*, 9.15-11.15. Four semester-hour credits. Assistant Professor MOSS.

34. *Observation*.—Observation of experienced teachers, under guidance, followed by discussion. The course should normally be taken in the junior year. Two semester-hour credits. Mr. SULLIVAN.

35. *Practice Teaching*.—Teaching under supervision and criticism. The course should normally be taken in the senior year. Two semester-hour credits. Mr. SULLIVAN.

Third Section. Primarily for Graduates.

50. *Seminar in Education*.—Topic for 1922-23: Vocational Education. Recent books and current periodical literature in this field will be reviewed, and a paper embodying constructive scholarship will be required of each member of the class. Open to qualified undergraduates. *Tu., Th.*, at 5.10. Six semester-hour credits. Professor RUEIDGER.

ELECTRICAL ENGINEERING

1. *Engineering Electricity*.—Study of direct circuits, electro-magnetism, electro-magnetic induction, the direct current dynamo, direct current measurements, three-phase alternating currents, transmission lines, synchronous generators and motors, synchronous converters, rectifiers, transformers, induction motors and other types of alternating current motors. Hudson's "Engineering Electricity." Two hours. Four semester-hour credits. Assistant Professor AMES.

2. *Direct Current Theory; Dynamo Machinery and Alternating Currents*.—During the first half of the year the elements of electricity are studied, together with the principles involved in the construction and operation of direct current dynamos and motors. After a foundation of the elements of electricity has been established, direct current machines are examined, resulting in the discussion of the different forms of armatures, of their windings, cores, commutator, the various fields, the methods of arranging the windings for different purposes; the shape and materials of magnetic circuits; and the selection of types suited for performances of specific duties.

During the second half of the year, direct current machines are further studied, illustrating the characteristic curves and efficiencies of the different types. An introduction to the characteristics of alternating currents is taken up, together with the solutions of simple and complex circuits, involving complex numbers and vectors. Numerous problems are assigned throughout the course. Prerequisite: Physics 1. Franklin and Esty, "Elements of Electrical Engineering," and Hudson's "Engineering Electricity." Three hours. Six semester-hour credits. Assistant Professor AMES.

4. *Electrical Laboratory*.—A laboratory course for Juniors, involving experiments on measurements and tests of direct current machines. Ample instruction is given so that the student may gain a clear knowledge of the object of the experiment and so that no important point may be overlooked. Complete and concise reports describing each experiment and showing the results of the various tests are required from all students. Swenson & Frankfield "Testing of Electro-Magnetic Machinery." Two three-hour periods, first half-year. Two semester-hour credits. Assistant Professor AMES.

5. *Electrical Laboratory*.—A continuation of E. E. 4, in which further tests on direct current machines are made, involving a study of the performance characteristics of the different types; also tests of watt hour meters, arc lamps and circuit breakers.

Prerequisite: E. E. 4. Two three-hour periods, second half-year. Two semester-hour credits. Assistant Professor AMES.

Second Section. For Undergraduates and Graduates.

21. *Alternating Current Theory and Machinery.*—A continuation of E. E. 2, covering the principles of simple and polyphase currents, including study of alternators, synchronous converters, induction motors, synchronous motors, transformers, etc. Jackson's "Alternating Currents and Alternating Current Machinery" and Lawrence's "Principles of Alternating Current Machinery." Four hours. Eight semester-hour credits. Assistant Professor AMES.

22. *Electrical Distribution.*—A course for Seniors in Electrical Engineering, covering the whole field of distribution of electricity for light and power. Textbook: Ferguson's "Elements of Electrical Transmission." Two hours, first half-year. Two semester-hour credits. Dr. MEYER.

23. *Electrical Applications.*—A course for Seniors in Electrical Engineering, covering the more important applications of electricity, such as electric generating stations, motive power, electro-metallurgy, etc. Two hours, second half-year. Two semester-hour credits. Dr. MEYER.

24. *Advanced Electrical Laboratory.*—Determination of impedance, inductance, capacitance. Measurement of power in alternating current circuits, test and calibration of watt hour meters. Regulation and efficiency tests of alternators and transformers. Tests of synchronous motors and converters, induction and repulsion motors. Swenson & Frankenfield "Testing of Electro-Magnetic Machinery." Vol. II (alternating currents). Two three-hour periods. Four semester-hour credits. Assistant Professor AMES.

27. *Electric Railways.*—A course for Seniors in Electrical Engineering covering the theory and practice of modern, direct and alternating current railways. Buck's "The Electric Railway." Two hours, one term. Two semester-hour credits. Assistant Professor AMES.

28. *Telephones and Telegraphs.*—Study of magneto, common battery, and automatic telephones; land and submarine telegraph; including receivers, transmitters, switchboards, lines and circuits. An introduction to theory of wireless telegraph and telephone. Two hours. Four semester-hour credits. Assistant Professor AMES.

29. *Electric Illumination.*—A study of the underlying principles of scientific illumination, exterior and interior. Color combina-

tions, control absorption, and reflection are considered. Detail study is also made of different types of lamps, shades, arrangement of light sources, effect of walls, etc. Two hours, one term. Two semester-hour credits. Assistant Professor AMES.

30. *Design*.—A course covering the design of simple electrical apparatus, such as switches, circuit breakers, and switchboards. Dynamo design is taken up and various types studied. Layouts of central stations and substations with necessary electrical equipment are made. Still's "Principles of Electrical Design." Two hours, one term. Two semester-hour credits. Assistant Professor AMES.

Third Section. Primarily for Graduates.

50. *Radio-electricity*.—A mathematical treatment of the fundamental principles with an exposition of their application to present-day practice. Problems based on the methods used and the apparatus employed in the generation of oscillatory currents; the reception of signals; and other features developed in the utilization of this method of transmission will be discussed. Six semester-hour credits, as a minor; ten semester-hour credits, as a Major. Professor COHEN.

ENGLISH

First Section. Primarily for Undergraduates.

1. *English Rhetoric*.—A study of the principles of self-expression through language with practice in composition. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor WILBUR and Dr. BRIGHAM.

2. *English Rhetoric*.—Parallel with Course 1. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor WILBUR and Dr. BRIGHAM.

NOTE.—Credit for Course 1 or 2 is requisite for admission to any other course in English except 5 and 6.

5. *Survey of English Literature*.—*Mon., Wed., Fri.*, at 9.15. Six semester-hour credits. Assistant Professor BOLWELL.

6. *Survey of English Literature*.—Parallel with Course 5. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Assistant Professor BOLWELL.

Second Section. For Undergraduates and Graduates.

22. *Shakespeare*.—The first eighteen plays in chronological sequence through King Henry the Fifth. (The Temple edition of Shakespeare is recommended.) Six semester-hour credits. Not given in 1922-23. Professor WILBUR.

23. *Shakespeare*.—Nineteen plays in chronological sequence be-

ginning with *As You Like It*. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Professor WILBUR.

24. *English Drama to 1642*.—From the beginning, exclusive of Shakespeare, to the closing of the theatres. Six semester-hour credits. Given 1923-24. Assistant Professor BOLWELL.

25. *English Drama Since 1642*.—Prerequisite: English 5 or 6. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor CROISSANT.

27. *Nineteenth Century English Prose*.—Prerequisite: English 5 or 6. *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor CROISSANT.

29. *American Literature*.—Prerequisite: English 5 or 6. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor CROISSANT.

30. *Types of Literature*.—Prerequisite: English 5 or 6. *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Professor CROISSANT.

31. *Journalism*.—The fundamentals of newspaper writing. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Mr. CHACE.

36. *The Development of the Novel*.—The evolution of prose fiction from medieval romance to the modern novel. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Assistant Professor BOLWELL.

39. *Advanced Composition*.—The practice and criticism of modern literary forms. *Tu., Th.*, at 4.00. Four semester-hour credits. Assistant Professor BOLWELL.

Third Section. Primarily for Graduates.

50. *Milton*.—*Paradise Lost* and *Paradise Regained*. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor WILBUR.

53. *Browning and Tennyson*.—Six semester-hour credits. Not given 1922-23. Professor WILBUR.

56. *English Comedy*.—Prerequisite: English 24. This course should be taken only by those who have time to use the Library of Congress. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor CROISSANT.

57. *English and American Drama of the Nineteenth Century*.—Prerequisite: English 25. Six semester-hour credits. Not given in 1922-23. Professor CROISSANT.

60. *Anglo-Saxon Grammar and Literature*.—First semester, grammar and prose readings; second semester, *Beowulf* and other poetry. Six semester-hour credits. Given 1923-24. Assistant Professor BOLWELL.

61. *Middle English and Chaucer*.—First semester, 12th and 13th century literature; second semester, Chaucer and his contempo-

raries. Six semester-hour credits. Not given 1922-23. Assistant Professor BOLWELL.

62. *Literature of Fifteenth and Sixteenth Centuries*.—First semester, followers of Chaucer and the Renaissance; second semester, Elizabethan literature. Six semester-hour credits. Saturday seminar, at 10.15. Assistant Professor BOLWELL.

ETHNOLOGY

Third Section. Primarily for Graduates.

50. *General Introduction to Ethnology*.—A general course embracing man's place in nature; ancient man; the elements of physical anthropology; the application of statistical methods to physical anthropology; classification of living races; sociology, religious ideas, ethical ideas, and languages of primitive peoples; the beginnings of literature and art; linguistic survey of the world; ethnological survey of the world; discussion of the problems of independent origins versus diffusion; the classical British, Graebnerian, and American schools. Lectures and collateral readings. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor MICHELSON.

51. *Outlines of North American Ethnology*.—As full a description of the aborigines of North America as the time will permit. Lectures and assigned readings. *Mon., Wed.*, at 5.10. Four semester-hour credits. Professor MICHELSON.

52. *American Indian Languages*.—This is an introductory course, and presupposes only a moderate amount of previous linguistic training. After a brief introduction to the subject, two stocks will be studied, one in each half-year. *Two hours a week*. Four semester-hour credits. Professor MICHELSON.

53. *American Indian Languages* (second course).—This is an advanced course, and members must have taken Course 52, unless they have done an equivalent elsewhere. *One hour a week*. Two semester-hour credits. Not given in 1922-23. Professor MICHELSON.

54. *Seminar in Ethnology*.—Competent students will be assigned topics, and the results discussed at a weekly meeting. Six semester-hour credits. Prerequisite: Course 50 with grade of A or B, or other evidence of previous training satisfactory to the instructor. This course may be taken four times, counting each time. The subject-matter will be changed yearly. This will be in accordance with the needs of individual students. Professor MICHELSON.

FRENCH

See Romance Languages.

GEOLOGY AND MINERALOGY

First Section. Primarily for Undergraduates.

1. *Mineralogy*.—Crystallographic, descriptive, and determinative mineralogy. This course is designed with especial reference to minerals as rock constituents or segregated as ore deposits. It includes, therefore, a discussion of not merely the crystallographic and theoretical, but the practical side of the subjects as well. Whenever possible, it should be considered as introductory to the courses in either systematic or economic geology. *Mon., Fri., at 5.10.* Four semester-hour credits. Professor BASSLER and Dr. RESSER.

2. *Geology*.—Systematic geology; dynamical, structural, and stratigraphical. The course is designed to form a part of a general-culture course or a preliminary course for those intending to make a specialty of geology. It includes lectures, recitations, laboratory and field work so far as hours will permit. Paleontology is treated as a branch of geology, having especial reference to stratigraphy and correlation. Textbook: Cleland's *Geology*. *Mon., Fri., at 6.00.* Four semester-hour credits. Professor BASSLER and Dr. RESSER.

3. *General Geography*.—This course presents the principles of geography by a study of the phenomena of the earth as a whole, the interrelations of these phenomena and their influence upon human affairs. It consists of two parts: first, a study of the general geographic principles; and second, a brief survey of several regions and countries for the application of these principles. It is a general culture lecture course illustrated by charts and lantern slides. No course is prerequisite. *Wed., at 5.10.* Two semester-hour credits. Dr. RESSER.

4. *Physiographic Geography*.—A general culture, illustrated, lecture course treating of the physical phases of geography, the earth's surface, atmosphere, and the distribution of life. *Wed., at 6.00.* Two semester-hour credits. Not given in 1922-23.

6. *Human Geography*.—A general culture course in the newer treatment of geography. Human geography has as its object the study of the relationships between human activity and the phenomena of physical geography. It is of particular value in broadening one's ideas and in the study of such human subjects as History and Sociology. *Wed., at 6.00.* Two semester-hour credits. Dr. RESSER.

Part A given 1921-1922. Part B, a continuation, given 1922-23.

Second Section. For Undergraduates and Graduates.

20. *Economic Geology*.—[Geology 1 and 2 and Chemistry 1 are prerequisite for this course.] The course covers the subjects comprised under: (1) Mineral veins and metalliferous deposits, their mode of occurrence, origin, and classification; (2) the ores of iron, copper, lead, zinc, tin, silver, gold, mercury, antimony, etc.; and (3) the non-metallic minerals as the coals and hydrocarbon compounds; salts and minerals used in chemical manufactures; abrasive, refractory, and fictile materials, pigments, gems, ornamental stones, building stones, limes, cements, and mineral waters. Textbook: Ries' *Economic Geology*. Mon., Wed., Fri., at 5.10. Given in alternate years. Six semester-hour credits. Professor BASSLER.

21. *Engineering Geology*.—This course is intended primarily for civil engineers and others interested in applied geology. The work covers the general principles of geology with special emphasis upon those relating to engineering problems. The structure of rocks relative to building operations, the controlling factors of water supply, water purification and similar problems are discussed in detail. Textbook, *Engineering Geology* by Ries and Watson. Mon., Fri., at 4.20. Four semester-hour credits. Dr. RESSER.

22. *Paleontology*.—A course in lecture and laboratory work on the biological and geological relations of the more important types of animals and plants, with especial reference to their value in stratigraphic geology. Six semester-hour credits. Professor BASSLER.

Third Section. Primarily for Graduates.

50. (A) *Advanced Geology*; (B) *Mineralogy*; (C) *Paleontology*.—Advanced courses in these subjects may be arranged for competent students. Six semester-hour credits. Professor BASSLER.

51. *Advanced Geography*.—Advanced courses may be arranged in this subject for qualified students. Six semester-hour credits. Dr. RESSER.

GERMANIC LANGUAGES AND LITERATURE

First Section. Primarily for Undergraduates.

1. *Elementary*.—The essentials of German grammar; translation of easy prose and poetry; beginning conversation; composition and dictation. This course is open to beginners, and the work done is equivalent to that of a two year's course in high schools and academies of good standing. Tu., Th., Sat., at 11.15. Six semester-hour credits. Professor SCHOENFELD.

2. Parallel with Course 1. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor SCHMIDT.

3. Selected texts from the best contemporary authors will be read and one or more of the German classics carefully studied. The work in grammar and composition done in elementary German will be continued, with special emphasis on syntax, word-formation, and the relationship of German and English; conversation continued. This course is equivalent to the advanced German of the admission requirements, and it is open only to students who have passed Course 1 or 2, or have satisfied the admission requirement in elementary German. *Mon., Wed., Fri.*, at 11.15. Six semester-hour credits. Professor SCHOENFELD.

4. *Parallel with Course 3.*—Contemporary German is read during the first half-year and classical during the second half-year. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor SCHMIDT.

6. *Scientific and Technical German.*—Designed primarily for students in the scientific and engineering courses. This course may be taken by students who have passed Course 1 or 2, or who have satisfied the admission requirement in elementary German. *Tu., Th., Sat.*, at 6.00. Six semester-hour credits. Professor SCHMIDT.

7. Advanced course in German syntax; principal difficulties of the language; idioms, synonyms; translations of English prose into German; essays; selected advanced prose; classical and historical reading and literature; advanced science. Open to students who have passed Course 3 or have satisfied the admission requirement in advanced German. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Professor SCHOENFELD.

8. Parallel with Course 7, with special reference to advanced students both in the historic-political and the scientific departments. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor SCHOENFELD.

Second Section. For Undergraduates and Graduates.

20. *Outline of the History of German Literature and Civilization from the Teutonic Origins to the Renaissance and Reformation*, with reference to the emerging of the Germanic, Romance, and Slavic races. Anthology of the early literary monuments to the Minnesingers.—Lectures, extensive readings of the classics of the first period of bloom; advanced practice in writings, essays. *Mon., Wed., Fri.*, at 10.15. Six semester-hour credits. Professor SCHOENFELD.

21. *German Literature of the Second Classic Period at Its*

Zenith.—Lessing's Life and Work; Goethe's work in the Natural Sciences; Schiller's drama at its zenith; Goethe's and Winckelmann's influence on German art; with special reference to the modern drama; Goethe's Faust, as a special critical and philosophical study; classical ballad and lyric poetry; renaissance of the German volkslied in the eighteenth and nineteenth centuries. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor SCHOENFELD.

22. *The Currents of German Literature from the Beginning of the Nineteenth Century Until 1870*.—Romanticism, its social and political aspects; Modern German Drama, with special emphasis on Kleist, Grillparzer, Hebbel; Lyrics and Ballads; Uhland and Heine. *Mon., Wed., Fri.*, at 5.10. Not given in 1922-23. Six semester-hour credits. Professor SCHOENFELD.

Third Section. Primarily for Graduates.

50. *Seminar in the History of Middle High German Literature*, with special reference to the Epic and Lyrical Poetry in the Twelfth and Thirteenth Centuries. Introduction to scientific methods of historical and literary research in the Nibelungenlied and the Gudrun saga. Six semester-hour credits. Professor SCHOENFELD.

51. *Gothic*.—Introduction to comparative Indo-European Grammar. Six semester-hour credits. Professor SCHMIDT.

52. *Old High German*.—The development of the German language. Six semester-hour credits. Professor SCHMIDT.

Only one of the foregoing two courses (51, 52) is given in any one year.

For notice of the Richard Heinzel Germanic Library, see page 11.

GREEK

See Classical Language.

HISTORY

First Section. Primarily for Undergraduates.

1. *Mediaeval History*.—A history of the settlement of the Germanic tribes in the territory of the Empire, with a study of feudal institutions, extending through the movements of the Crusades; texts, with assigned readings. First half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor SWISHER.

2. *Mediaeval History*.—A history of the evolution of national government extending through the periods of the Renaissance and the Protestant Revolution; texts and assigned readings. Second half-year. Three semester-hour credits. *Mon., Wed., Fri.*, at 2.45. Professor SWISHER.

3. *Modern European History*.—A study of the European States under the new conditions resulting from the discovery of America and the opening of the oriental trade routes, extending through the period of the French Revolution; texts, lectures and collateral readings. First half-year. *Mon., Wed., Fri.*, at 3.45. Three semester-hour credits. Professor SWISHER.

4. A continuation of the preceding through the revolutionary movements of the nineteenth century with a more detailed study of recent issues; texts, lectures and collateral readings. Second half-year. *Mon., Wed., Fri.*, at 3.45. Three semester-hour credits. Professor SWISHER.

5. *Ancient History*.—A study of the history of the ancient Oriental peoples, and of Greece. First half-year. *Tu., Th., Sat.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

6. *Ancient History*.—A study of Roman history from the beginnings to the fall of the Western Empire. Second half-year. *Tu., Th., Sat.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

7. *General European History*.—A study of the history of Mediaeval Europe from the fall of the Western Empire through the Renaissance. First half-year. *Mon., Wed., Fri.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

8. *General European History*.—A study of the history of Modern Europe from the Renaissance to the present time. Second half-year. *Mon., Wed., Fri.*, at 9.15. Three semester-hour credits. Assistant Professor KAYSER.

9. *American History*.—A general introductory course in the history of the United States. Text, lectures, assigned reading, and reports. *Tu., Th., Sat.*, at 11.15. Six semester-hour credits. Professor CHURCHILL.

Second Section. For Undergraduates and Graduates.

22. *American History*.—The United States, 1783-1860. Text, lectures and collateral reading. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor CHURCHILL.

23. *American History*.—The Colonial Period to 1783. Second half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor CHURCHILL. Not given 1922-23.

24. *American History*.—The United States history since 1860. Second half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor CHURCHILL.

25. *English History*.—A general course in English history with special attention to constitutional and political development. Texts, lectures and collateral reading. *Mon., Wed., Fri.*, at 5.10. Six semester-hour credits. Professor CHURCHILL.

26. *American History*.—The History of the West. Lectures, reports, collateral reading, and special reports on topics chosen under the advice of the instructor. A general acquaintance with American History is presupposed. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Professor CHURCHILL.

27. *Latin-American History*.—The history of colonial Latin-America, with special reference to European conditions and of the principal Latin-American countries to the present time. Lectures, texts and reports on collateral reading. First half-year. *Mon., Wed., Fri.*, at 2.45. Three semester-hour credits. Professor CHURCHILL.

29. *Ancient History*.—An advanced course for students who have completed Courses 5 and 6, or who otherwise satisfy the instructor of their fitness to pursue the course. The ancient history of the Near East. Not given 1922-23. The history of ancient Greece. Given 1922-23. The history of ancient Rome. Given 1921-22. Not given 1922-23. Three periods a week. Six semester-hour credits. Assistant Professor KAYSER.

30. *American Constitutional History*.—A study of the origin and growth of constitutional representative government of the United States, giving special attention to the development of the Federal Constitution of 1789, and to its interpretation under the pressure of party issues. Lectures, textbooks, and collateral readings. *Mon., Wed., Fri.*, at 6.00. Six semester-hour credits. Assistant Professor MCARTHUR.

31. *Modern European History*.—A study of the French revolution and subsequent reaction extending through the Revolution of 1848. First half-year. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Professor SWISHER.

32. *Modern European History*.—From 1850 to the present time. Second half-year. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Professor SWISHER.

33. *Current History*.—A discussion of political questions of the day, with special reference to their origin and historical significance. Lectures throughout the year. *Sat.*, at 11.15. Two semester-hour credits. Professor SWISHER.

35. *General History*.—History of Europe from the fall of the Empire of the West to the election of Charles V. *Tu., Th., Sat.*, at 5.10. Six semester-hour credits. Professor SWISHER and Assistant Professor MCARTHUR.

Third Section. Primarily for Graduates.

54. *Seminary Work*.—The results of individual research, conducted by graduate students upon assigned topics, will be discussed at the weekly meetings of the Seminaries in History.

Undergraduate students qualified by previous historical study, who desire to do intensive work with a view to gaining fuller information upon special periods or facility in the use of historical materials, may, with the approval of the instructor, be admitted to the historical seminars. Regular meeting of Seminary in Modern European History *Saturday*, 12.15-2.15. Six semester-hour credits. Professor SWISHER.

55. *Seminary in English and American History*.—Readings and research work to meet the individual needs of advanced students. Readings, conference and reports. Conference hour: *Mon.*, 4-5. Six semester-hour credits. Professor CHURCHILL.

HOME ECONOMICS

First Section. Primarily for Undergraduates.

1. *Domestic Science*.—Cooking, meal planning, table service and simple dietetics. Lecture, *Mon.*, 1.45; laboratory, *Wed., Fri.*, 1.45-3.45. Six semester-hour credits. Miss EVANS.

2. *Domestic Science*.—Parallel with Course 1. Lecture, *Mon.*, 5.10; laboratory, *Wed., Fri.*, 5.10-6.50. Six semester-hour credits. Miss EVANS.

3. *Domestic Science*.—Advanced course open to those who have had Home Economics 1 or its equivalent. (a) Experimental cookery, introducing research work, formation of recipes through experiment. (b) Demonstration cookery, introducing more complicated methods of cooking, use of unusual seasonings, flavorings and fancy cookery. *Wed., Fri.*, 1.45-3.45. Four semester-hour credits. Miss EVANS.

4. *Domestic Science*.—Parallel with Course 3. *Wed., Fri.*, 5.10-6.50. Miss EVANS.

11. *Household Management*.—The home and homemaking; division of income; equipment and organization; labor-saving devices; cleaning, marketing and care of clothing. First half-year. *Tu., Th.*, at 9.15. Two semester-hour credits. Miss EVANS.

13. *Foods*.—The production, manufacture and value of the common foods: Wheat, corn, rice, etc., and the food products derived from them; cocoa, chocolate, coffee, tea. Second half-year. *Tu., Th.*, at 9.15. Two semester-hour credits. Miss EVANS.

14. *Textiles and Clothing*.—This course includes a brief study of the kinds, manufacture and uses of the various textiles; also practice in the use of the sewing machine; in the application of the fundamental stitches and the making of simple garments, and in the use of commercial patterns. *Tu., Th.*, at 5.10. Four semester-hour credits. Miss EVANS.

15. *Textiles and Clothing*.—Parallel with course 14. *Tu., Th.*, at 1.45. Four semester-hour credits. Miss EVANS.

INTERNATIONAL LAW AND DIPLOMACY

See Political Science.

LATIN

See Classical Languages.

MATHEMATICS

First Section. Primarily for Undergraduates.

3. *College Algebra; Solid Geometry; Plane Trigonometry.*—Algebra is studied during the first half-year, solid geometry during February and March, and trigonometry during April and May. *Mon., Wed., Fri., at 9.15.* Six semester-hour credits. Mr. HANKIN.

4. *Algebra; Plane Trigonometry.*—Algebra is studied until April 1, and trigonometry during April and May. This course is planned for students who present only one admission unit in Algebra and for students who need a review of intermediate Algebra. *Mon., Wed., Fri., at 5.10.* Six semester-hour credits. Section A: Assistant Professor HODGKINS. Section B: Mr. HANKIN.

5. *Algebra; Plane Trigonometry.*—Parallel with Course 4. *Tu., Th., Sat., at 9.15.* Six semester-hour credits. Mr. HANKIN.

6. *College Algebra; Solid Geometry; Plane Trigonometry.*—Parallel with Course 3. *Mon., Wed., Fri., at 6.00.* Six semester-hour credits. Section A: Assistant Professor HODGKINS. Section B: Mr. HANKIN.

8. *College Algebra.*—Second half-year. Three semester-hour credits. Mr. WALLIS.

9. *Trigonometry; Analytic Geometry.*—Trigonometry until Jan. 1, analytic geometry for the remainder of the session. The completion of Course 3, 4 or 6 is requisite for admission to this course. *Mon., Wed., Fri., at 10.15.* Six semester-hour credits. Professor ERWIN.

12. *Trigonometry; Analytic Geometry.*—Parallel with Course 9. Section A: *Mon., Wed., Fri., at 5.10.* Section B: *Mon., Wed., Fri., at 6.00.* Section C: *Tu. Th., Sat., at 6.00.* Six semester-hour credits. Professor ERWIN and Mr. HANKIN.

18. *Differential and Integral Calculus; Elements of Differential Equations.*—*Tu., Th., Sat., at 5.10.* Six semester-hour credits. Professor HODGKINS.

19. *Differential and Integral Calculus; Elements of Differential Equations.*—*Tu., Th., Sat., at 9.15.* Six semester-hour credits. Professor HODGKINS.

Second Section. For Undergraduates and Graduates.

24. *An Elementary Treatise on the Theory of Equations; The Number-System of Algebra.*—Tu., Th., Sat., at 10.15. First half-year. Three semester-hour credits. Professor ERWIN.

25. *Introduction to Infinitesimal Analysis; Hyperbolic Functions.*—Tu., Th., Sat., at 10.15. Second half-year. Three semester-hour credits. Professor ERWIN.

30. *Differential Equations.*—Mon., Fri., at 11.15. Four semester-hour credits. Professor HODGKINS.

31. *Least Squares.*—Tu., Th., at 10.15. Second half-year. Two semester-hour credits. Professor HODGKINS.

32. *Differential Equations.*—First half-year. Three semester-hour credits. Mr. HANKIN.

Third Section. Primarily for Graduates.

54. *Theory of Functions of a Complex Variable.*—Tu., Th., Sat., at 5.10. Six semester-hour credits. Professor ERWIN.

55. *Differential Geometry.*—Tu., Th., Sat., at 5.10. Six semester-hour credits. Professor ERWIN.

NOTE.—Not more than two of the Courses 24, 25, 54 and 55 will be given during any one semester.

56. *Mathematical Logic.*—The nature of mathematical reasoning; the fundamental concepts of mathematics; mathematical systems; consistency, independence and completeness of postulates; postulates for geometries, algebras and logic; the "algebra" of logic. Second half-year. Three semester-hour credits. Mr. HANKIN.

MECHANICAL DRAWING

First Section. Primarily for Undergraduates.

1. *Mechanical Drawing.*—A general course embracing the care and use of instruments; free-hand lettering, orthographic and isometric projections; sketching of simple machine details; principle of working drawings; curve plotting. Section A: Mon., Wed., 1.45 to 4.45. Section B: Mon., Fri., 7.30 to 10.30 p. m. Four semester-hour credits. Mr. CRUICKSHANKS, Mr. WILSON.

2. *Machine Drawing.*—A course in working drawings especially designed for Mechanical and Electrical Engineering students. The course is largely one of empirical design of standard parts. Much stress is laid upon drafting-room practice, arrangement of views and conventional forms and standards. Section A: Mon., Wed., 1.45 to 4.45. Section B: Tu., Th., 7.30 to 10.30 p. m. Four semester-hour credits. Mr. CRUICKSHANKS, Mr. WILSON.

4. *Mechanical Drawing.*—A course for Chemical students. Sec-

32. *Industrial Management*.—A course dealing with the business systems of manufacturing establishments.

The work includes a study of the organization and relations of the various departments of an industrial establishment, both in the office and in the workshop. It also discusses the conduct of accounts, the method of superintendence and of compensating labor, the determination of the cost of production, and the effect on costs of different systems of distributing indirect expenses. This course also considers the factors which enter into a determination of the depreciation of structures and the economic selection thereof. Two hours, first half-year. Two semester-hour credits. Assistant Professor PLATT.

33. *Engineering Economics*.—A course which is primarily a continuation of Industrial Management, dealing with the financial conditions rather than business systems. This course includes the study and solutions of many problems in economic selections for engineering equipment, featuring the first costs, operating costs, depreciation and salvage values. Two hours, second half-year. Two semester-hour credits. Assistant Professor PLATT.

34. *Refrigeration*.—This course deals with the thermodynamics and operation of refrigeration machinery. A study is made of the methods used in refrigeration for cold storage, and manufacture of ice, while the economic costs of installation and operation are considered in problems. Two hours, one half-year. Two semester-hour credits. Assistant Professor PLATT.

Third Section. Primarily for Graduates.

50. *Advanced Machine Design*.—Six semester-hour credits. Assistant Professor PLATT.

51. *Advanced Power Plant Design*.—Six semester-hour credits. Assistant Professor PLATT.

METEOROLOGY

Third Section. Primarily for Graduates.

50. *Applied Meteorology*.—Investigation of the underlying laws governing meteorological phenomena and of the methods employed in practice for their interpretation and applications. Six semester-hour credits. Professor MOORE.

51. *Meteorological Physics*.—This course presupposes collegiate training in general physics. Particular attention will be given to the interpretation of meteorological phenomena in the light of modern physics; and those wishing to make this their principal study will be assisted in the selection of a suitable problem for investigation and advised in the collection of data necessary to its solution. Six semester-hour credits. Professor HUMPHREYS.

NAUTICAL SCIENCE

First Section. Primarily for Undergraduates.

1. *Nautical Science*.—Marine and aerial navigation; nautical astronomy; nautical almanac; production and use of nautical charts; tides; applications of meteorology, terrestrial magnetism and oceanography to navigation and seamanship; deviation of the compass in iron and steel ships; theory and use of instruments of navigation. Four semester-hour credits. Professor LITTLEHALES.

Third Section. Primarily for Graduates.

50. *Nautical Science*.—Special investigations requiring original thought in relation to avenues of progress, such as the neutralization of the effects of the ship's magnetism upon the compass, the development of the gyroscopic compass, the supplying of means to enable seamen to make astronomical observations at night or when the horizon is hidden from view. The applications of nautical astronomy to aerial navigation. Conferences, assigned readings, direction of research. Six semester-hour credits. Professor LITTLEHALES.

PHILOSOPHY AND PSYCHOLOGY

First Section. Primarily for Undergraduates.

1. *General Psychology*.—An introductory study of human behavior carried on by means of textbook assignments, classroom discussions, lectures, and demonstrations. First half-year. *Mon., Wed., Fri.*, at 10.15. Three semester-hour credits. Assistant Professor MOSS.

2. *General Psychology*.—Parallel with Course 1. Second half-year. *Mon., Wed., Fri.*, at 5.10. Three semester-hour credits. Professor RUEDIGER.

3. *Logic*.—A study of the thinking process, the principles of deductive and inductive inference, and the nature, structure, and organization of knowledge. Second half-year. *Mon., Wed., Fri.*, at 10.15. Three semester-hour credits. Professor RUEDIGER.

4. *Logic*.—Parallel with Course 3. First half-year. *Mon., Wed., Fri.*, at 5.10. Three semester-hour credits. Professor RUEDIGER.

6. *General Psychology*.—Parallel with Course 1. First half-year. *Tu., Th., Sat.*, at 5.10. Three semester-hour credits. Assistant Professor MOSS.

Second Section. For Undergraduates and Graduates.

20. *History of Philosophy*.—The more important epochs in the history of thought. Attention is directed to the relation of these distinctive periods to the course of the world's progress. *Tu., Th., Sat.*, at 10.15. Six semester-hour credits. Professor RICHARDSON.

21. *Ethics*.—A historical and theoretical course, with the aim of acquainting the student with the principal ethical theories. Reference is made to the application of these theories to concrete conditions. Second half-year. *Tu., Th.*, at 9.15. Two semester-hour credits. Professor RICHARDSON.

22. *Ethics*.—Parallel with Course 21. Second half-year. *Mon., Wed.*, at 6.00. Two semester-hour credits. Professor RICHARDSON.

23. *Experimental Psychology*.—First half-year: Laboratory experiments on the learning process. Second half-year: Laboratory experiments on sensation, perception, feeling, motor processes, etc. Prerequisite: General Psychology. Laboratory. *Tu., Th.*, 1.45-3.45. Conference hour to be arranged. Six semester-hour credits. Assistant Professor MOSS.

24. *History of Philosophy*.—The development of philosophy, its nature and problems. This course, while introductory, is designed to be comprehensive and to give the student a general survey of the philosophic field. *Tu., Th.*, at 5.10. Four semester-hour credits. Professor RICHARDSON.

25. *Applied Psychology*.—A study of how the knowledge and technique of psychology may be applied in the fields of business, industry, law, medicine, and education. Prerequisite: General Psychology. Second half-year. *Tu., Th., Sat.*, at 5.10. Three semester-hour credits. Assistant Professor MOSS.

27. *Contemporary Philosophy*.—A consideration of the various philosophical movements and tendencies of the immediate past. A critical study of the occasion and meaning of the trend of thought at the present time. Lectures and reading of recent books and periodicals. Not given in 1922-23. Two semester-hour credits. Professor RICHARDSON.

28. *Philosophy of Nature*.—A critical examination of the concepts of physical science. An investigation of the significance of scientific laws and theories. *Wed.*, at 5.10. Two semester-hour credits. Professor RICHARDSON.

(Courses 27 and 28 are given in alternate years.)

29. *Problems of Philosophy*.—A critical and constructive examination of fundamental philosophic principles and problems. Lectures, readings, and reports. First half-year. *Tu., Th.*, at 9.15. Two semester-hour credits. Professor RICHARDSON.

30. *Problems of Philosophy*.—Parallel with Course 29. First half-year. *Mon., Wed.*, at 6. Two semester-hour credits. Professor RICHARDSON.

31. *Mental and Educational Tests*.—(Same as Education 31.) *Sat.*, 9.15-11.15. Four semester-hour credits. Assistant Professor MOSS.

Third Section. Primarily for Graduates.

50. *Seminar in Psychology*.—Subject for 1922-23: The Emotions. Open to undergraduates only with the consent of the instructor. *Tu., Th.*, 6.00. Six semester-hour credits. Assistant Professor MOSS.

51. *Seminar in Philosophy*.—Topic for 1922-23: A detailed study, in English, of representative ancient and modern philosophers. *Wed.*, 7-9. Six semester-hour credits. Professor RICHARDSON.

52. *Advanced Experimental, Abnormal or Physiological Psychology*.—In 1922-23 the topic will be Physiological Psychology. Prerequisite: General and experimental psychology. Conferences, reading of recent literature, and demonstrations. *Tu.*, 7.30-9.30. Six semester-hour credits. Professor FRANZ.

53. *Research in Psychology*.—Advanced students, who select psychology as major or minor for the degree of A. M., or Ph. D., will be given special topics for investigation in abnormal, physiological or experimental psychology. To be preceded or accompanied by Course 52 or its equivalent. Six semester-hour credits. Professor FRANZ.

54. *Philosophy of Freedom*.—The metaphysical basis of the problem of freedom; freedom as a problem of ethics; the value of freedom; freedom and responsibility; the problem of freedom in organized society, or the place of freedom in the philosophy of the state; the application of freedom to legal problems. Prerequisites: Logic, Ethics and Political Science. Six semester-hour credits. Mr. HANKIN.

56. *Mathematical Logic*.—(Same as Mathematics 56.) Second half-year. Three semester-hour credits. Mr. HANKIN.

PHYSICS

First Section. Primarily for Undergraduates.

1. *General Physics*.—A recitation and lecture course, embracing the fundamental principles of mechanics, sound, heat, light, and electricity. The lectures are illustrated by experimental demonstrations. This is a required course for Sophomores in Engineering, and may be elected by the general student who has completed Mathematics 9 or 12. Six semester-hour credits. Section A: *Mon., Wed., Fri.*, at 11.15, Professor BROWN; Section B: *Mon., Wed., Fri.*, at 5.10. Assistant Professor CHENEY.

2. *Laboratory Physics*.—Laboratory methods, accurate measurement of physical quantities, and experimental study of physical laws and apparatus. Course 2 is arranged to accompany Course 1, and may not otherwise be taken without previous preparation in Physics equivalent to Course 1. Two two-hour periods. *Tu., Th.*,

10.15, 2.45, or 7.30, or *Mon., Fri., 7.30.* Four semester-hour credits. Professor BROWN, Assistant Professor CHENEY, Messrs. EICHLIN, MELCHER, and assistants.

3. *Introductory General Physics.*—Recitations, and lectures illustrated by experimental demonstrations. Similar in scope to Course 1, but less mathematical in treatment. Planned with reference to the needs of the student who desires an acquaintance with the facts and principles of Physical Science in their relation to the other sciences. Six semester-hour credits. Section A: *Mon., Wed., Fri.,* at 1.45. Professor BROWN; Section B: *Mon., Wed., Fri.,* at 6.00, Assistant Professor CHENEY.

4. *Introductory Laboratory Physics.*—Laboratory methods, and experimental study of physical laws and apparatus, and of the use of the simpler instruments of precision measurement. Course 4 is arranged to accompany Course 3, and may not otherwise be taken without previous preparation in Physics equivalent to Course 3. *Tu., Th., 10.15, or Tu., Th., 2.45, or Mon., Fri., 7.30.* Four semester-hour credits. Professor BROWN, Assistant Professor CHENEY, and Messrs. EICHLIN, MELCHER, and assistants.

9. *Elementary Electricity and Magnetism and Its Applications.*—The plan of this course is to familiarize the student of general science with electrical equipment and machinery, and with the principles that underlie their operation. The fundamental principles of electricity and magnetism are presented in a non-technical manner and illustrated by many experimental demonstrations. No previous college preparation required. Four semester-hour credits. Professor BROWN. Not given in 1922-23.

Second Section. For Undergraduates and Graduates.

21. *Heat and Thermodynamics.*—A recitation and lecture course, using Edser's *Heat* as a class text, and the more advanced texts and the literature for reference reading. Six semester-hour credits. Not given in 1922-23. Assistant Professor CHENEY.

22. *Light.*—A recitation and lecture course, using Edser's *Light* as a class text, and the more advanced texts and the literature for reference reading. Six semester-hour credits. *Mon., Wed., Fri.,* at 5.10. Professor BROWN.

23. *Electricity and Magnetism.*—A recitation and lecture course, using Starling's *Electricity and Magnetism* as a class text, and the more advanced texts and the literature for reference reading. Special attention will be given to the electron theory and its relation to modern physical science. Six semester-hour credits. *Tu., Th., Sat.,* at 5.10. Assistant Professor CHENEY.

24. *Mechanics, Wave Motion, and Sound.*—An introduction to theoretical mechanics, including the dynamics of wave motion.

Sound phenomena are studied from the physical viewpoint, and molecular phenomena, such as surface tension, elasticity, viscosity, etc., are considered briefly. Six semester-hours. Not given in 1922-23. Professor BROWN.

NOTE.—Courses 21 to 24, inclusive, constitute a complete intermediate course in Physics which may be taken during their Junior and Senior years by students specializing in physics and allied sciences. They should be accompanied wherever possible by laboratory work in Course 25. See the schedule for such students on page 57. Physics 1 and 2, and Mathematics 18 or 19, or the equivalents of these, are required for admission to any of these courses.

25. *Advanced Laboratory Physics*.—This course is planned to follow Course 2, and is given for students especially interested in Physics. The experimental work may be of a general nature, or may follow special lines of study, according to the needs of the individual student. Course 25 may advantageously be taken by students in Courses 21, 22 and 23. One or more periods per week. Two semester-hour credits for each period. Hours by arrangement. Professor BROWN and Assistant Professor CHENEY.

28. *Radio Principles and Practice*.—A study of the elementary theory of electric oscillations and electro-magnetic waves, and of their applications to wireless communication. Physics Courses 1 and 2, and Mathematics 18 or 19, or their equivalents, are required for admission. Six semester-hour credits. Two recitations and one laboratory period. Hours to be arranged. Professor BROWN.

Third Section. Primarily for Graduates.

51. *Bibliography and Survey*.—In recognition of the value to the research student of a thorough study of the literature of his chosen field as a prelude to active research, credit is offered under this course for (1) the preparation of a bibliography of that field, including brief abstracts of the more important articles, and (2) a systematic analysis of the lines of investigation along which further development is most promising, and a listing of available research problems. Three semester-hour credits. Professor BROWN or Assistant Professor CHENEY.

55. *Laboratory Physics for Graduate Students*.—This course must be preceded by two or more of Courses 21-24, inclusive, and three or more semester-hour credits in Course 25, or their equivalents. The experimental problems are somewhat longer than those of Course 25, and along more specialized lines, requiring more originality and initiative on the part of the student. This course is primarily intended to supply the laboratory experience

required for active research work. One or more laboratory periods. Two semester-hour credits for each period. Hours by arrangement. Professor BROWN and Assistant Professor CHENEY.

57. *Statistical Mechanics and Kinetic Theory*.—This course includes Gibb's preliminary derivation of the fundamental equations of thermo-dynamics and a discussion of the physical properties of gases from the standpoint of general dynamics. Viscosity, diffusion, heat conduction, Brownian movements, Van der Wall's equations and molecular aggregation and dissociation. Gibb's statistical mechanics and Jean's Dynamical Theory of Gases. A lecture and seminar course. *Mon.* at 5.10. Two semester-hour credits. Not given in 1922-23. Mr. VAN ORSTRAND.

58. *Elasticity*.—The physical properties of solids as applied to problems in geophysics. Homogenous stress and strain. Potential energy of strained solids. Transmission of force. Propagation of earthquake waves. Love's Mathematical Theory of Elasticity. A lecture and seminar course. Not given in 1922-23. Mr. VAN ORSTRAND.

60. *Least Squares*.—Derivation of the law of errors and adjustment of observations with special reference to the determination of the constants of empirical formulas. Merrimans' Method of Least Squares. A lecture and recitation course. First half-year. Two semester-hour credits. Mr. VAN ORSTRAND.

61. *Conduction of Heat*.—Fourier's analysis is applied to numerous problems in the diffusion of heat and substances. Ingersoll and Zobel's Mathematical Theory of Heat Conduction. A lecture and recitation course. Second half-year. Two semester-hour credits. Mr. VAN ORSTRAND.

POLITICAL SCIENCE

First Section. Primarily for Undergraduates.

1. *Government of the United States*.—Besides an analysis of the structure of the federal government this course includes a study of the powers and the influence of the President, the power to make treaties, to tax, to control the railroads and the wires, and to restrict immigration. The course surveys the functions of the courts, and of the various commissions. The problems connected with the currency, the tariff, foreign commerce, and with our colonial empire are discussed. Governmental changes in foreign countries are noted and compared with those at home. First half-year. Section A: *Mon., Wed., Fri.*, at 10.15. Three semester-hour credits. Professor HILL. Section B: *Tu., Th., Sat.*, at 11.15. Three semester-hour credits. Mr. WEST.

2. *Government of the United States*.—Parallel with Course 1. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Mr. WEST.

3. *State Government*.—The vote, public opinion, direct legislation, police power, public utilities, and executive responsibility are the chief topics. A rapid survey is made of the three types of city government and of the county and township governments. Second half-year. Section A: *Mon., Wed., Fri.*, 10.15. Three semester-hour credits. Professor HILL. Section B: *Tu., Th., Sat.*, at 11.15. Three semester-hour credits. Mr. WEST.

4. *State Government*.—Parallel with Course 3. *Tu., Th., Sat.*, at 6.00. Three semester-hour credits. Mr. WEST.

Second Section. For Undergraduates and Graduates.

21. *Comparative European Governments*.—The governments of the British Empire and of France. First half-year. *Mon., Wed., Fri.*, at 11.15. Three semester-hour credits. Professor HILL.

22. *Comparative European Governments (continued)*.—The governments of Italy, Switzerland and Germany are described and some attention is given to the form and functions of the government in the new states. Second half-year. *Mon., Wed., Fri.*, at 11.15. Three semester-hour credits. Professor HILL.

23. *City Government in the United States*.—A study of the origin and structure of the mayor and council, commission and city manager plans, home rule, the relation of the city to the state, municipal powers and officers, social and individual rights and of references to European experience. First half-year. *Mon., Wed., Fri.*, at 4.00. Three semester-hour credits. Mr. WEST.

24. *Constitutional Law*.—The interpretation of clauses in the constitutions of the United States and of the separate states affecting officers, courts, powers of Congress, police power and private rights as found in judicial decisions forms the subject matter. Second half-year. *Mon., Wed., Fri.*, at 4.00. Three semester-hour credits. Mr. WEST.

25. *Political Theory*.—A survey of political thought as implied in ancient and modern governments and expressed in the writings of representative men. The study will be carried through the French Revolution, with special attention given to the modern period, developing the ideas of sovereignty of the state and freedom of the individual. First half-year. *Tu., Th., Sat.*, at 10.15. Three semester-hour credits. Mr. WEST.

26. *Political Theory (continued)*.—A continuation of Course 25, with special attention given to the development of political theory in the United States and its part in the history of the country. Second half-year. *Tu., Th., Sat.*, at 10.15. Three semester-hour credits. Mr. WEST.

at 10.15, Professor HENNING. Section B: *Tu., Th., Sat.*, at 10.15. Mr. GIDDINGS. Section C: *Tu., Th., Sat.*, at 11.15. Mr. GIDDINGS.

4. *Second-Year Course*.—Parallel with Course 3. Fraser and Squair's French Grammar. First text, Hervieu, "La course du flambeau" (Heath); other texts to be announced. Six semester-hour credits. Section A: *Tu., Th., Sat.*, at 5.10. Mr. KRAMER. Section B: *Tu., Th., Sat.*, at 6.00. Mr. CULLOM.

5. *General Survey of Modern French Literature*.—(Nineteenth, eighteenth, and seventeenth centuries.) Translation, collateral reading and reports thereon, lectures on literature. Open to students who have passed in Courses 3 or 4, or have fulfilled the admission requirements in Advanced French. Six semester-hour credits. *Mon., Wed., Fri.*, at 4.00. Professor HENNING.

6. *Parallel with French 5*.—Six semester-hour credits. *Tu., Th., Sat.*, at 5.10. Professor HENNING.

7. *Conversation and Composition (Elementary Course)*.—Open to students who have passed in French 1 or 2, or have fulfilled the admission requirements in Elementary French, or otherwise satisfy the instructor of their fitness to take it. Four semester-hour credits. *Mon., Wed., Fri.*, at 5.10. M. BENETEAU. (This course will be given only if elected by at least twelve students at the beginning of the year.)

8. *Conversation and Composition (Advanced Course)*.—Open to students who have passed in French 7, or otherwise satisfy the instructor of their fitness to take it. Four semester-hour credits. *Mon., Wed., Fri.*, at 6.00. M. BENETEAU. (This course will be given only if elected by at least ten students at the beginning of the year.)

Second Section. For Undergraduates and Graduates.

(Courses in this group are open to students who have passed in Courses 5 or 6, or otherwise satisfy the instructor of their fitness to take them.)

21. *Literature of the Seventeenth Century*.—History, philosophy, criticism, memoirs, letters, eloquence, drama, fiction, poetry. Balzac, Boileau, Corneille, Descartes, Fénelon, Mme. de La Fayette, La Bruyère, La Fontaine, La Rochefoucauld, Malherbe, Molière, Racine, Saint-Evremond, Saint-Simon, Mme. de Sévigné, etc. Translation, collateral reading and reports thereon, lectures on literature and history. Six semester-hour credits. *Mon. Wed., Fri.*, at 5.10. Professor HENNING. (Not given in 1922-23.)

23. *Literature of the Eighteenth Century*.—History, philosophy, criticism, letters, drama, fiction, poetry, the "salons," the idea of progress, the idea of science. Bayle, Fontenelle, Abbé de Saint-

Pierre, Marquise de Lambert, Madame de Tencin, Montesquieu, Voltaire, J. J. Rousseau, Diderot, the Encyclopedists, etc. Translation, collateral reading and reports. Lectures on literature and history. Six semester-hour credits. *Mon., Wed., Fri.* at 4.00. Mr. DEIBERT.

26. *Literature from 1750 to 1850; The Romantic Movement.*—History, criticism, travels, fiction, drama, lyric poetry. Rousseau, Bernardin de Saint-Pierre, Chénier, Balzac, Baudelaire, Chateaubriand, Gautier, Hugo, Lamartine, Michelet, Musset, Sainte-Beuve, George Sand, Mme. de Stael, Thierry, Vigny, etc. Translation, collateral reading and reports thereon, lectures on literature and history. Six semester-hour credits. *Mon., Wed., Fri.,* at 5.10. Professor HENNING.

28. *Literature from 1850 to the Present.*—History, philosophy, criticism, fiction, drama, lyric poetry. Augier, Brunetière, Daudet, Dumas fils, Flaubert, France, Heredia, Hervieu, Leconte de Lisle, Lemaitre, Loti, Maeterlinck, Maupassant, Mérimée, Renan, Rosstand, Sully Prudhomme, Taine, Verlaine, etc. Six semester-hour credits. *Mon., Wed., Fri.,* at 5.10. Professor HENNING. (Not given in 1922-23.)

Third Section. Primarily for Graduates.

50. *Old French.*—Philology and Literature. *La Chanson de Roland* and Chrétien de Troyes. Phonology and morphology of Old French, with an outline of its development through Vulgar Latin. Survey of French Literature to the end of the 13th century. Some knowledge of Latin is essential. Six semester-hour credits. Professor DOYLE.

55. One course in the literature of the first half of the nineteenth century will be arranged for competent graduates. Six semester-hour credits. *Mon., Wed., Fri.,* at 5.10. Professor HENNING.

Spanish

First Section. Primarily for Undergraduates.

1. *First-Year Course.*—For beginners. Hills and Ford's First Spanish Course. Grammar, written and oral composition, drill in pronunciation, translation of modern Spanish fiction, comedy and history. Six semester-hour credits. Section A: *Mon., Wed., Fri.,* at 9.15. Mr. GIDDINGS. Section B: *Tu., Th., Sat.,* at 10.15. Mr. PROTZMAN. Section C: *Mon., Wed., Fri.,* at 10.15. Mr. GIDDINGS.

2. *First-Year Course.*—For beginners. Parallel with Course 1. Hills and Ford's First Spanish Course. Six semester-hour credits. Section A: *Mon., Wed., Fri.,* at 5.10. Professor DOYLE. Section B: *Mon., Wed., Fri.,* at 6.00. Mr. DEIBERT. Section C: *Tu., Th.,*

Sat., at 5.10. Mr. PROTZMAN. Section D: Tu., Th., Sat., at 6.00. Mr. DEIBERT. Section E: Mon., Wed., Fri., at 5.10. Mr. GIDDINGS. Section F: Mon., Wed., Fri., at 6.00. Assistant Professor JONES.

Section X: Tu., Th., Sat., at 5.10 (second half-year). Assistant Professor JONES. (This section will be given if elected by a sufficient number of students.)

3. *Second-Year Course*.—Review of grammar, composition, translation of modern Spanish prose and poetry, collateral reading. First text, Taboada, "Cuentos Alegres." Open to students who have passed in Course 1 or 2, or have fulfilled the admission requirements in Elementary Spanish, or otherwise satisfy the instructor of their fitness to take the course. Six semester-hour credits. Section A: Mon., Wed., Fri., at 10.15. Professor DOYLE. Section B: Tu., Th., Sat., at 9.15. Mr. PROTZMAN.

4. *Second-Year Course*.—Parallel with Course 3. Six semester-hour credits. First text, Spencer, "Trozos de historia." Section A: Mon., Wed., Fri., at 5.10. Mr. DEIBERT. Section B: Tu., Th., Sat., at 5.10. Professor DOYLE.

5. *General Survey of Modern Spanish Literature*.—Eighteenth and Nineteenth Centuries; contemporary writers. Translation of representative works of fiction, drama and poetry. Lectures on the history of Spanish Literature. Outside reading and reports open to students who have passed in Spanish 3 or 4, or who otherwise satisfy the instructor of their fitness to take the course. Six semester-hour credits. Mon., Wed., Fri., at 2:45. Professor DOYLE.

6. *Parallel with Spanish 5*.—Six semester-hour credits. Mon., Wed., Fri., at 5.10. Assistant Professor JONES.

7. *Conversation and Composition (Elementary Course)*.—Open to students who have passed in Spanish 1 or 2, or have fulfilled the admission requirements in Elementary Spanish, or otherwise satisfy the instructor of their fitness to take it. Mon., Wed., Fri., at 5.10. Four semester-hour credits. Mr. VAZQUEZ. (This course will be given only if elected by at least twelve students at the beginning of the year.)

8. *Conversation and Composition (Advanced Course)*.—Open to students who have passed in Spanish 7, or otherwise satisfy the instructor of their fitness to take it. Four semester-hour credits. Mon., Wed., Fri., at 6. Mr. VAZQUEZ. (This course will be given only if elected by at least ten students at the beginning of the year.)

Second Section. For Undergraduates and Graduates.

(Courses in this group are open to students who have passed in Course 5 or 6, or otherwise satisfy the instructor of their fitness to take them.)

22. *Spanish Literature of the Sixteenth and Seventeenth Centuries.*—The Golden Age. Cervantes, Calderón, Lope de Vega. The classic Spanish drama. Origins and rise of the novel. The ballad. Lyric poetry. References to the influence of Spanish literature upon French and English. Translation, reports on outside reading, lectures. A large amount of collateral reading will be required. *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor DOYLE.

28. *Spanish-American Literature in Prose and Verse.*—Study of leading critics, essayists, historians, novelists, poets; Rodó, Hostos, Blanco-Fombona, Blest, Gana, Olmedo, Bello, Heredia, Darío, Chocano, Valencia, Nervo, etc. Lectures, translation, reports on outside reading. A large amount of collateral reading will be required. Six semester-hour credits. Hours to be arranged. Professor DOYLE and Assistant Professor JONES. (Not given in 1922-23.)

Third Section. Primarily for Graduates.

50. *Old Spanish.*—Philology and Literature. *Poema del Cid*, *Libro de Buen Amor*, *Conde Lucanor*, etc. Ford's "Old Spanish Readings" (Ginn). Some knowledge of Latin is essential. Six semester-hour credits. Professor DOYLE. (Not given in 1922-23.)

Italian

First Section. Primarily for Undergraduates.

2. *First-Year Course.*—For beginners. Phelps' Italian Grammar. Grammar, composition, drill in pronunciation, translation and reading of modern Italian fiction, comedy, history, and descriptive matter. Six semester-hour credits. *Mon., Wed., Fri.*, at 5.10. Mr. MILLER. (This course will be given only if elected by at least twelve students at the beginning of the year.)

4. *Second-Year Course.*—Phelps' Italian Grammar. First text, *Giocosa*, "Tristi Amori." Other texts to be announced. Open to students who have passed in Italian 2, or otherwise satisfy the instructor of their fitness to take it. Six semester-hour credits. *Mon., Wed., Fri.*, at 6.00. Mr. MILLER. (This course will be given only if elected by at least eight students at the beginning of the year.)

Portuguese

First Section. Primarily for Undergraduates.

1. *First-Year Course.*—For beginners. Branner's Portuguese Grammar; Barreto and Laet's *Anthologia Nacional*. Phonetics and drill in pronunciation, dictation, grammar, translation, composition and conversation. In the second semester the classes are

conducted mainly in Portuguese. *Mon., Wed., Fri.*, at 2.45. Six semester-hour credits. Professor COUTINHO.

3. *Second-Year Course*.—Barreto and Laet's *Anthologia Nacional*; Mendes dos Remedios' *Historia de Literatura Portuguesa*. Advanced grammar, composition, reading and translation of modern prose and poetry (Portuguese and Brazilian authors of XVIII and XIX centuries). In the second semester Portuguese authors of XVI and XVII centuries. Classes will be conducted in Portuguese. *Mon., Wed., Fri.*, at 1.45. Six semester-hour credits. Professor COUTINHO.

Comparative Romance Literatures

First Section. Primarily for Undergraduates.

2. *Literary Evolution of Romance Languages*.—General survey of the history of literary movements in the Latin countries of Europe and Latin America, from the tenth century to the present time. Students will be required to read during the course the principal authors in English translations. *Mon., Wed., Fri.*, at 4.00. Six semester-hour credits. Professor COUTINHO.

SEMITIC LANGUAGES AND LITERATURE

Second Section. For Graduates and Undergraduates.

20. *Elementary Hebrew*.—Hebrew vocabulary and grammar; reading, translations of simple passages and briefer exercises. This course is open to beginners. Two hours a week. Four semester-hour credits.

22. *Advanced Hebrew*.—An intensive study of Hebrew grammar and its relation to Semitics in general. Comparative Semitic philology will be pursued. Translations of longer passages of prose and poetry. Readings and selections from the Old Testament and post-biblical literature. Two hours a week. Four semester-hour credits. Professor SCHAPIRO.

Third Section. Primarily for Graduates.

50. Study of the history and development of Hebrew and cognate literatures. Certain epochs of Jewish History. A review of Modern Hebrew literature with particular emphasis on productions of the Haskala period. Special topics in addition to be selected by candidates. Six semester-hour credits. Professor SCHAPIRO.

ZOOLOGY

First Section. Primarily for Undergraduates.

1. *Systematic Zoology*.—Invertebrates. This includes lectures and laboratory work. The lectures cover all the branches of In-

vertebrates, and correlated with these lectures is the study and dissection of typical specimens in each group. This course is intended to familiarize the student with biological characters, classificatory laws, and the general principles of evolution. Lecture, *Fri.*, at 5.10; laboratory, *Mon., Wed.*, 5.10-6.50. Additional laboratory sections at hours to be announced. Six semester-hour credits. Professor BARTSCH, Mr. SCHMITT and Miss MACMILLAN.

2. *Systematic Zoology*.—Vertebrates. This includes lectures and laboratory work. The lectures will cover the various branches of Vertebrates, and correlated with these is the study and dissection of typical specimens of each group. Lecture, *Mon.*, at 6.00; laboratory, *Wed., Fri.*, 5.10-6.50. Additional laboratory sections at hours to be announced. Six semester-hour credits. Professor BARTSCH, Mr. SCHMITT, and Miss MACMILLAN.

3. *Pre-Medical Zoology*.—Invertebrates and vertebrates. A lecture and laboratory course covering the pre-medical requirements. Lecture *Mon.*, at 5.10. Three two-hour laboratory periods. Eight semester-hour credits. Professor BARTSCH, Miss MACMILLAN, Mr. SCHMITT, and Miss REEVES.

Second Section. For Undergraduates and Graduates

20. *Practical Zoology*.—A lecture course illustrated with lantern slides and demonstrations. In this course only beneficial and injurious animals of all classes will be considered, especial stress being laid upon the problems of preservation and extermination. The course aims to expound the economic side of zoology. Open to all students. One hour. Two semester-hour credits. Professor BARTSCH.

23. *Ornithology*.—A systematic course embracing lectures and laboratory work. The lectures are illustrated with lantern slides, showing the home life of birds. The laboratory work consists in classifying bird skins, of which the University possesses an excellent series. Special attention is directed to the study of the birds of the District of Columbia, and frequent field excursions are made to familiarize the student with the haunts and habits of these forms. Lecture, one hour; laboratory, one two-hour period. Four semester-hour credits. Professor BARTSCH.

Laboratory courses in histology and physiology will be arranged for competent students.

Third Section. Primarily for Graduates.

50. Courses may be arranged for competent graduates. Six semester-hour credits. Professor BARTSCH.

SUMMER SCHOOL

ARTS AND SCIENCES

1922

CALENDAR

- June 16-30 Registration, 10-12 a. m.; 4-6 p. m.
June 19 *Monday*—Instruction begins in the three-credit courses coming at 7:45 a. m. and in the afternoon classes, except when otherwise noted in the text.
June 26 *Monday*—Instruction begins in the two-credit courses coming in the forenoon.
July 4 *Tuesday*—Holiday.
July 8 *Saturday*—Classes meet at the usual hours.

ADMISSION

No entrance examinations or certificates of work completed in secondary schools will be required for admission to the Summer School, but no student will be allowed to register for any except an elementary course until he has given evidence satisfactory to the instructor concerned or to the Director that he is qualified to pursue the course to advantage.

REGISTRATION

The Registrar's office, 2023 G Street N. W., will be open to receive registrations from 10-12 a. m. and 4-6 p. m., after June 16. *Registration for courses, changes in registration, and the dropping of courses must all be arranged through the Registrar's office.*

CREDIT

The units of credit in semester hours carried by the several courses are indicated both in the schedule of classes on pages 6-8 and in the descriptive outlines of the course on pages 8-14. A semester-hour of work covers a minimum of fifteen class or laboratory periods.

Work satisfactorily completed in the Summer School will be accredited toward a degree at George Washington University on the same basis as work completed during the regular session. Three courses are considered full work, but for reasons of weight a student may be allowed to register for four courses.

CERTIFICATES

Certificates of attendance and of work satisfactorily completed will be issued on or about September 1.

FEES

| | |
|---|----------|
| Tuition fee per semester-hour..... | \$ 6.00* |
| Laboratory fees: | |
| Chemistry S 2, S 3, and S 7, each..... | 10.00 |
| Chemistry S 20, \$15; S 21 | 20.00 |
| Home Economics I and II..... | 2.00 |
| Chemistry S 8; Physics 2a or 2b and Zoology..... | 5.00 |
| Breakage deposit in chemistry, the amount paid in excess of breakage to be returned, S 2, S 3, S 7, and S 8, each | 10.00 |
| Courses S 20, \$15; S 21..... | 20.00 |
| Microscope rental in Zoology..... | 5.00 |

PAYMENT OF FEES

All fees are payable at the Treasurer's Office, 2101 G Street by July 3. Students who find it impossible to pay their fees by that date should make special arrangements with the Registrar when they register. No certificate of attendance or of credit will be issued unless all fees have been paid.

Students who are compelled to withdraw before the end of the session should promptly notify the Registrar, who will make a fair adjustment of the fees. No separate registration fee is charged, but one dollar of the tuition fee may not be canceled. As the fiscal year of the University ends August 31, no requests for refunds can receive consideration after that date.

LIBRARY

The University Library, which is found in the first floor of Lisner Hall, will be open during the session of the Summer School.

* Except for those George Washington University students who paid \$5.00 per semester-hour during 1921-22.

FACULTY

| | |
|---|---|
| HOWARD LINCOLN HODGKINS, Ph.D., Sc.D., | <i>President of the University</i> |
| WILLIAM CARL RUEDIGER, Ph.D. | <i>Director of the Summer School</i> |
| LEVI RUSSELL ALDEN, A.M. | <i>Assistant Professor of History</i> |
| PAUL BARTSCH, Ph.D. | <i>Professor of Zoology</i> |
| ANDRE BENETEAU | <i>Instructor in French</i> |
| ROBERT WHITNEY BOLWELL, Ph.D. | <i>Asst. Professor of English</i> |
| THOMAS BENJAMIN BROWN, Ph.D. | <i>Professor of Physics</i> |
| CATHERINE CHAPMAN, A.B. | <i>Assistant in Zoology</i> |
| WALTER LYNN CHENEY, B.S. | <i>Assistant Professor of Physics</i> |
| GEORGE M. CHURCHILL, Ph.D. | <i>Assistant Professor of History</i> |
| DEWITT CLINTON CROISSANT, Ph.D. | <i>Professor of English</i> |
| WILLIAM L. CROW, A.M., D.L. (Professor of Political Science, Lawrence College) | <i>Political Science</i> |
| WALTER S. DEFFENBAUGH, A.M. (U. S. Bureau of Education) | <i>Education</i> |
| HENRY GRATTAN DOYLE, A.M. | <i>Professor of Romance Languages</i> |
| JOHN THOMAS ERWIN, A.M. | <i>Professor of Mathematics</i> |
| MARGARET BINFORD EVANS, B.S. | <i>Instructor in Home Economics</i> |
| ROBERT F. GRIGGS, Ph.D. | <i>Professor of Botany</i> |
| GREGORY S. HANKIN, A.M. | <i>Instructor in Mathematics</i> |
| HARRY GRANT HODGKINS, A.B. | <i>Asst. Professor of Mathematics</i> |
| ELMER LOUIS KAYSER, A.M., | <i>Assistant Professor of History and Secretary of the University</i> |
| ROBERT RUSS KERN, A.B. | <i>Professor of Economics</i> |
| CLARENCE C. KOCHENDERFER, A.M., | <i>Assistant Professor of Commerce</i> |
| HIRAM C. MCNEIL, Ph.D. | <i>Professor of Chemistry</i> |
| J. LEWIS MONEYWAY, A.B. | <i>English</i> |
| F. A. MOSS, A.M. | <i>Assistant Professor of Psychology</i> |
| MERLE I. PROTZMAN, A.B. | <i>Instructor in Romance Languages</i> |
| CHARLES ELMER REESER, Ph.D. | <i>Instructor in Geology</i> |
| EDWARD E. RICHARDSON, M.D., Ph.D. | <i>Professor of Philosophy</i> |
| WILLIAM CARL RUEDIGER, Ph.D. | <i>Professor of Educational Psychology and Dean of Teachers College</i> |
| ALFRED F. W. SCHMIDT, A.M. | <i>Professor of German</i> |
| HAROLD GRIFFITH SUTTON, M.S. | <i>Assistant Professor of Economics</i> |
| OTIS DOW SWETT, S.B., LL.M. | <i>Professor of Chemistry</i> |
| WILLIAM ALLEN WILBUR, A.M., Litt.D., | <i>Professor of English and Dean of Columbian College</i> |

SCHEDULE OF CLASSES

The two-semester-hour classes *coming in the forenoon* begin on June 26 and all the others, unless otherwise noted in the text, on June 19. The two-semester-hour classes meet five times a week for six weeks and the three-semester-hour classes five times a week for nine weeks. No classes will be held Tuesday, July 4, but classes will meet on Saturday, July 8.

Courses which open with less than ten students may be withdrawn.

| A. M. | | Semester-hour Credits | |
|-------------|--------------------------|-----------------------|------------------------|
| 7:45-8:40 | | | |
| S25 | Foreign Trade | 3 | Professor Sutton |
| S2a | Rhetoric and Composition | 3 | Professor Wilbur |
| S35b | The Renaissance | 3 | Professor Kayser |
| SXXIII | Philosophy | 2 | Professor Richardson |
| 9:15-10:15 | | | |
| S2 | Botany (Saturdays) | 2 | Professor Griggs |
| S22 | History of Education | 2 | Professor Kayser |
| S23 | Shakespeare | 2 | Professor Wilbur |
| SVII | Textiles and Sewing | 2 | Miss Evans |
| S1 | Psychology | 2 | Professor Moss |
| 10:15-11:15 | | | |
| S1a | General Economics | 2 | Professor Sutton |
| S21a | Methods | 2 | Professor Ruediger |
| SXL | Drake | 2 | Professor Wilbur |
| S31 | Revolutionary Europe | 2 | Professor Kayser |
| S3 | Logic | 2 | Mr. Hankin |
| 11:15-12:15 | | | |
| S29 | Money and Banking | 2 | Professor Sutton |
| S21b | Principles of Education | 2 | Professor Ruediger |
| S31 | Educational Measurements | 2 | Professor Moss |
| SI | Food and Nutrition | 2 | Miss Evans |
| P. M. | | | |
| 4:10-5:00 | | | |
| S26 | Poetry | 3 | Professor Croissant |
| S23 | Municipal Government | 3 | Professor Crow |
| 5:10-6:00 | | | |
| S33a | Commercial Law | 2 | Professor Alden |
| S42 | World Politics | 3 | Professor Kochenderfer |
| S2a | General Economics | 3 | Professor Kern |
| S25 | Junior High School | 3 | Mr. Deffenbaugh |
| S6a | Literature | 3 | Professor Bolwell |

COURSES OF INSTRUCTION

The letter S, meaning Summer, is prefixed to the numbers of courses to distinguish them from the courses offered during the regular session of the University. Courses corresponding approximately to those offered during the regular session are given corresponding numbers. Courses not so corresponding are assigned Roman numerals. The letters a and b following some of the numbers signify correspondence respectively to first and to second semester work of the regular session.

BOTANY

S 2. *Field Botany*.—First-hand study of local flora, designed to familiarize the student with the native flora and with methods of field study. The work consists of Saturday field trips followed by a laboratory period to be arranged. Two semester-hour credits. Professor GRIGGS.

CHEMISTRY

S 1. *General Chemistry*.—A series of illustrated lectures, accompanied by recitations and exercises, on theoretical, inorganic, organic, and technical chemistry. 5:10-6:50. Six semester-hour credits. Professor SWETT.

S 2. *Laboratory Practice*.—A laboratory course for the study of the principles of chemistry and the method of conducting chemical experiments. 7-10. Four semester-hour credits. Professor SWETT and assistants.

(NOTE.—Courses S 1 and S 2 should be taken together. Courses S 20, *Qualitative Analysis*, six semester-hour credits, S 21, *Quantitative Analysis*, eight semester-hour credits, S 23, *Organic Chemistry*, four semester-hour credits, and S 26, *Physical Chemistry*, four semester-hour credits, will be given if demanded.)

S 3. *Synthetic Inorganic Chemistry*.—Syntheses of inorganic compounds. 7-10. Four semester-hour credits. Professor SWETT and assistants.

S 7. *Qualitative Analysis*.—A brief course intended primarily for students in engineering. 7-10. Four semester-hour credits. Professor SWETT and assistants.

S 8. *Elementary Organic Chemistry*.—A lecture and laboratory course including both the aliphatic and aromatic series of compounds. Sixty-four lectures and 96 hours of laboratory work. Lectures Monday, Tuesday, Wednesday and Thursday 5:10-6:50. Laboratory hours to be arranged. Six semester-hour credits. Professor McNEIL.

COMMERCE

S 33a. *Commercial Law*.—Contracts. At 5:10. Two semester-hour credits. Assistant Professor ALDEN.

S 33b. *Commercial Law*.—Commercial Papers. At 6. Two semester-hour credits. Assistant Professor ALDEN.

S 25. *Foreign Trade*.—This course surveys briefly international commercial policies and then considers the methods of conducting export and import business. Organization, correspondence, advertising and financing are some of the problems presented for study. At 7:45 a. m. Three semester-hour credits. Assistant Professor SUTTON.

S 40. *Industrial and Commercial History of the United States*.—Business aspects of early American colonization; the westward movement and the public lands; the development of internal improvements and railways; tariff history and policy. Growth of industry, agriculture, commerce; labor and capital; industrial and commercial problems of today. At 6. Three semester-hour credits. Assistant Professor KOCHENDERFER.

S 42. *European Industrial Evolution and World Politics*.—A somewhat detailed study of the awakening of Japan, the problem of China, the interplay of rival imperial ambitions in the Far East, the causes of the World War, the Versailles Peace Conference and the international settlement made thereby. The introductory portion of the course will cover as intensively as time will permit agrarian problems, colonial expansion and commercial policies, the development of industry, and transportation. At 5:10. Three semester-hour credits. Assistant Professor KOCHENDERFER.

ECONOMICS AND SOCIOLOGY

S 1a. *General Economics*.—This course takes up the production and consumption of wealth, value and price, the organization of business enterprise, and the problems connected with money and banking. At 10:15. Two semester-hour credits. Assistant Professor SUTTON.

S 2a. *General Economics*.—This course deals with the problems of the distribution of wealth and such questions as value, prices, wages, rent, and interest. At 5:10. Three semester-hour credits. Professor KERN.

S 2b. *General Economics* (second semester).—This course deals with the organization of the industrial system and embraces an analysis of marketing, efficient methods of production, and money and banking. A discussion of such modern programs as the trust movement, government ownership, and the like is included. At 6. Three semester-hour credits. Professor KERN.

(Courses S 2a and S 2b may be taken concurrently.)

S 29. *Money and Banking*.—An introductory course presenting the theory and history of money together with a consideration of the fundamental principles of banking and credit. A careful study of the Federal Reserve System concludes this course. At 11:15. Two semester-hour credits. Assistant Professor SUTTON.

S 51. *Seminar in Sociology*.—A research course, open to students who have had an introductory course in sociology. At 7:40. Three semester-hour credits. Professor KERN.

EDUCATION

S 21a. *Principles of Method*.—A systematic course in the principles that underly the teaching process. At 10:15. Two semester-hour credits. Professor RUEDIGER.

S 21b. *Principles of Education*.—A study of the curriculum as determined by social and personal objectives. At 11:15. Two semester-hour credits. Professor RUEDIGER.

S 22. *History of Education*.—A survey of educational theory and practice since ancient times. At 9:15. Two semester-hour credits. Assistant Professor KAYSER.

S 25. *The Junior High School*.—A study of the development of the Junior High School, with special reference to the curriculum and methods of instruction. At 5:10. Three semester-hour credits. Mr. DEFFENBAUGH.

S 31. *Educational Measurements*.—A study of educational tests and scales with practice in their use. Some attention will be given to intelligence tests and their use in the classification of children. At 11:15. Two semester-hour credits. Assistant Professor MOSS.

ENGLISH

S 2a. *English Rhetoric*.—The course covers the text of the regular course for the first semester, including practice in composition. Lectures and conferences. At 7:45 a. m. Three semester-hour credits. Professor Wilbur and Mr. MONEYWAY (June 26-Aug. 4).

S 6a. *Survey of English Literature*.—A study of English literature from the epic period to the end of the eighteenth century. At 5:10. Three semester-hour credits. Assistant Professor BOLWELL.

S 6b. *Survey of English Literature*.—A course in the literature of the nineteenth century. At 6. Three semester-hour credits. Assistant Professor BOLWELL.

S XX. *Literature of the Bible*.—A study of portions of the Bible from a literary point of view. At 5:10. Three semester-hour credits. Professor CROISSANT.

S 23. *Shakespeare*.—Love's Labours Lost, Two Gentlemen of Verona, Midsummer Night's Dream, Taming of the Shrew, As You Like It, Hamlet. A cycle of cultural studies. At 9:15. Two semester-hour credits. Professor WILBUR.

S 25. *Modern Drama*.—The chief dramatists between 1890 and 1914. Lectures, with reading and discussion of representative plays. At 6. Three semester-hour credits. Professor CROISSANT.

S 26. *Contemporary Poetry*.—The chief poets since 1910. Lectures, with reading and discussion of representative poems. At 4:10. Three semester-hour credits. Professor CROISSANT.

S 36b. *Development of the English Novel*.—From the Victorian age to contemporary American and English novelists. At 6:50. Three semester-hour credits. Assistant Professor BOLWELL.

S 39. *Technique of the Short Story*.—A practical course in short-story writing. Lectures, reading, and conferences. At 6. Three semester-hour credits. Mr. MONEYWAY.

S XL. *Drake*.—The English Epic poem by Alfred Noyes: A modern interpretation of the Elizabethan world consciousness. At 10:15. Two semester-hour credits. Professor WILBUR.

FRENCH

S 2a. *First-Year Course*.—Essentials of French grammar, drill in pronunciation; oral and written composition; translation of modern French prose. For beginners. Fraser and Squair's French Grammar (Heath). At 5:10. Three semester-hour credits. Mr. PROTZMAN.

S 2b. *First-Year Course*.—(Second Semester.)—Open to students who have had one year of high school French or one semester of college French. At 6. Three semester-hour credits. Mr. PROTZMAN.

S 4a. *Second-Year Course*.—Review of French Grammar. Fraser and Squair's French Grammar (Heath); oral and written composition; translation of modern French prose. Open to students who have received credit for one year of college French, or its equivalent. At 6:50. Three semester-hour credits. Mr. PROTZMAN.

S 7. *Conversation and Composition*.—Open to students who have had one year of college French or its equivalent. At 5:10. Two semester-hour credits. Mr. BENETEAU.

GEOLOGY

S 2. *Geology*.—Systematic geology; dynamical, structural and stratigraphical. The course is designed to form a part of a general-culture course, or a preliminary course for those intending to make a specialty of geology. It includes lectures, recitations, laboratory and field work so far as hours will permit. Paleontology is treated as a branch of geology, having especial reference to stratigraphy and correlation. Text-book: Cleland's *Geology*. 6-7:40. Four semester-hour credits. Dr. RESSER.

S 3. *Principles of Geography*.—The course considers the phenomena of the earth as a whole, the interrelations of these phenomena and their influence upon human affairs. It includes a study of the general geographical principles, including those of physiography and climate, and their application. At 5:10. Two semester-hour credits. Dr. RESSER.

GERMAN

S IV. *Conversation and Rapid Reading*.—This course is open to students who have had one year of college German or its equivalent. Three semester-hour credits. At 5:10. Professor SCHMIDT.

HISTORY

S 9b. *American History*.—History of the United States since the administration of Andrew Jackson. At 5:10. Three semester-hour credits. Assistant Professor CHURCHILL.

S 25a. *English History*.—The history of England to the death of Edward VI, with special attention to political and constitutional development. At 6. Three semester-hour credits. Assistant Professor CHURCHILL.

S 31. *Revolutionary Europe*.—A study of the important transitions—political, social, economic and intellectual—that took place during the era of the French Revolution and of the domination of Napoleon. At 10:15. Two semester-hour credits. Assistant Professor KAYSER.

S 35b. *The Renaissance*.—A study of the beginnings of the Modern Period with emphasis on evolution of political, social, economic, religious, intellectual, and artistic ideas and institutions during the period. At 7:45 a. m. Three semester-hour credits. Assistant Professor KAYSER.

HOME ECONOMICS

S I. *Food and Nutrition*.—A study of the food factors, the principles of cookery, the cost and nutritional value of foods, and menu planning. At 11:15. Two semester-hour credits. Miss EVANS.

S II. *Food and Nutrition*.—Parallel with Course S I. At 5:10. Two semester-hour credits. Miss EVANS. (June 26-Aug. 5.)

S VII. *Textiles and Sewing*.—A brief study of fibers and fabrics, the use and care of a sewing machine, various stitches and seams, the use of commercial patterns, and elementary design. At 9:15. Two semester-hour credits. Miss EVANS.

LIBRARY SCIENCE

S I. *Cataloguing*.—This course is designed to cover the general principles of library science with special emphasis on the elements of cataloguing. Three semester-hour credits. At 6. Professor SCHMIDT.

S XX. *Classification*.—This course is open to students who have had course S-I or practical library work. Three semester-hour credits. At 6:50. Professor SCHMIDT.

MATHEMATICS

S 4a. *College Algebra*.—Bowser's College Algebra. Ratio and proportion. Chapter XVI to the end of the book. At 5:10. Three semester-hour credits. Assistant Professor HODGKINS.

S 4b. *Plane Trigonometry*.—Crocket's Trigonometry. All of plane trigonometry. At 6. Two semester-hour credits. Assistant Professor HODGKINS.

S 9a. *Plane and Spherical Trigonometry*.—This course is offered primarily for students who have had Plane Trigonometry. Three semester-hour credits. At 6. Professor ERWIN.

S 9b. *Analytic Geometry*.—This course is offered to students who have had Plane and Spherical Trigonometry. Three semester-hour credits. At 5:10. Professor ERWIN.

PHILOSOPHY AND PSYCHOLOGY

S 1. *General Psychology*.—A brief course in the principal facts and laws of human behavior. At 9:15. Two semester-hour credits. Assistant Professor MOSS.

S 2. *General Psychology*.—A study of the principal facts and laws of human behavior. At 5:10. Three semester-hour credits. Assistant Professor MOSS.

S 3. *Logic*.—A brief course in the fundamental concepts of logic. At 10:15. Two semester-hour credits. Mr. HANKIN.

S 4. *Logic*.—A study of the fundamental concepts of logic; induction and deduction; hypotheses; logical analysis. At 6. Three semester-hour credits. Mr. HANKIN.

S 22. *Ethics*.—A consideration of the principal ethical theories from the historical and social points of view. At 6:50. Three semester-hour credits. Professor RICHARDSON.

S XXIII. *Introduction to Philosophy*.—This course is intended to give a general survey of the subject for beginners. At 7:45 a. m. Two semester-hour credits. Professor RICHARDSON.

S 27. *Contemporary Philosophy*.—(To be given from August 7 to September 15, following course S XXIII.) At 7:45 a. m. Two semester-hour credits. Professor RICHARDSON.

S 54. *Philosophy of Freedom*.—Freedom and determinism; freedom and responsibility; freedom in organized society; freedom and legal restrictions. At 6:50. Three semester-hour credits. Mr. HANKIN.

PHYSICS

Physics S 1. *General Physics*.—This course is required of all Engineering students, and may be elected by other students who have had High School Physics and Mathematics through Analytical Geometry.

S 1a. At 5:10. Three semester-hour credits. S 1b. At 6. Three semester-hour credits. Assistant Professor CHENEY.

S 2a and S 2b. *Laboratory Physics*.—The schedules of experiments are arranged to parallel the lecture courses, but different schedules may be arranged in special cases. Two semester-hour credits for either course. 7-9. Assistant Professor CHENEY.

S 3a. *Introductory General Physics*.—Mechanics, Heat, and Electrostatics. At 5:10. Three semester-hour credits. Professor BROWN.

S 3b. *Introductory General Physics*.—Magnetism and Electricity, Sound, and Light. At 6. Three semester-hour credits. Professor BROWN.

POLITICAL SCIENCE

S 2. *Government of the United States*.—Historical development, forms, principles, and practical workings of the national government, with discussions of political platforms, political parties, policies, and present-day tendencies. At 6:50. Three semester-hour credits. Professor CROW.

S 4. *American State Government*.—Powers, rights and obligations of states in the union; legislative methods and limitations on

the legislature; growth and interpretation of state constitutions; administrative organization of states. At 5:10. Three semester-hour credits. Professor CROW.

S 23. *Municipal Government*.—Social structure of cities; their growth; their legal status; municipal organization in the United States, including mayor and council, commission and city manager plans; special attention given to current tendencies in municipal politics. At 4:10. Three semester-hour credits. Professor CROW.

SPANISH

S 2a. *First-Year Course*.—Elements of Spanish Grammar; drill in pronunciation; oral and written composition; translation of modern Spanish prose. Hills and Ford's First Spanish Course (Heath). At 6. Three semester-hour credits. Professor DOYLE.

S 2b. *First-Year Course*.—(Second Semester.)—Open to students who have had one year of high school Spanish or one semester of college Spanish. At 5:10. Three semester-hour credits. Professor DOYLE.

S 4a. *Second-Year Course*.—Review of grammar; composition; translation of modern Spanish prose and poetry; collateral reading. At 6:50. Three semester-hour credits. Professor DOYLE.

ZOOLOGY

S 3. *Zoology*.—Invertebrates and vertebrates. A lecture and laboratory course covering the pre-medical requirements. Lecture at 5:10. Laboratory 6-9. Eight semester-hour credits. Professor BARTSCH and Miss CHAPMAN.

THE MEDICAL SCHOOL

FACULTY

The names are arranged in the several groups in the order of assignment.

PRESIDENT OF THE UNIVERSITY

HOWARD LINCOLN HODGKINS, A. B., A. M., Ph. D., Sc. D.

DEAN OF THE MEDICAL SCHOOL

WILLIAM CLINE BORDEN, M. D.

Professor of Surgery

Lieutenant-Colonel, Medical Corps, United States Army, Retired; Consulting Surgeon, Casualty Hospital; *Surgeon-in-Chief to The George Washington University Hospital and Dispensary.*

2306 Tracy Place

PROFESSORS EMERITI

D. KERFOOT SHUTE, A. M., M. D.

Clinical Professor of Ophthalmology, Emeritus

HENRY CRECY YARROW, M. D.

Professor of Dermatology, Emeritus

WILLIAM K. BUTLER, A. M., M. D.

Professor of Ophthalmology, Emeritus

PROFESSORS

GEORGE NICHOLAS ACKER, A. M., M. D.

Professor of Pediatrics

Physician to the Children's Hospital; Consulting Physician to the Episcopal Eye, Ear and Throat Hospital and to the Lutheran Infirmary. *Pediatrician-in-Chief to the George Washington University Hospital and Dispensary.*

913 16th Street

STERLING RUFFIN, M. D.

Professor of Medicine

Visiting Physician to the Columbia Hospital for Women; Consulting Physician to the Government Hospital for the Insane; *Physician-in-Chief to The George Washington University Hospital and Dispensary.*

The Connecticut

CHARLES WILLIAMSON RICHARDSON, M. D., Sc. D.

Professor of Laryngology, Rhinology and Otology

Laryngologist to Children's Hospital; to the Episcopal Eye, Ear and Throat Hospital, and to the Washington Hospital for Foundlings; *Laryngologist-in-Chief to The George Washington University Hospital and Dispensary.*

1317 Connecticut Avenue

JOHN WESLEY BOVEE, M. D.

Professor of Gynecology

Gynecologist to the Columbia Hospital for Women; Gynecological Surgeon, Government Hospital for the Insane; *Gynecologist-in-Chief to The George Washington University Hospital and Dispensary.*

The Rochambeau

RANDOLPH BRYAN CARMICHAEL, M. D.

Professor of Dermatology

Dermatologist to the Garfield Memorial Hospital; the Providence Hospital; the Washington Hospital for Foundlings; the Central Dispensary and Emergency Hospital; Washington City Orphan Asylum; Government Hospital for Insane; Bruen Home, etc. *Dermatologist to The George Washington University Hospital and Dispensary.*

818 17th Street

FRANCIS RANDALL HAGNER, M. D.

Professor of Genito-Urinary Surgery and Venereal Diseases

Genito-Urinary Surgeon to the Garfield Memorial Hospital; *Chief of the Genito-Urinary Clinic, The George Washington University Hospital and Dispensary.*

The Farragut

WILLIAM ALANSON WHITE, M. D.

Professor of Psychiatry and Clinical Professor of Neurology

Superintendent of St. Elizabeth's Hospital, District of Columbia; Lecturer on Psychiatry, U. S. Army Medical School and U. S. Navy Medical School.

St. Elizabeth's Hospital

OSCAR BENWOOD HUNTER, A. B., A. M., M. D.

Assistant Dean and Professor of Bacteriology and Pathology

Consulting Pathologist to the Casualty Hospital; *Pathologist to The George Washington University Hospital and Dispensary.*

31 East Oxford Street, Chevy Chase

BUCKNER MAGILL RANDOLPH, M. D.

Professor of Materia Medica and Therapeutics

Associate Physician to The George Washington University Hospital; *Attending Physician to The George Washington University Dispensary.*

922 17th Street N. W.

EDWARD URBANE REED, M. D.

Commander, Medical Corps, U. S. Navy

Professor of Tropical Medicine

Naval Medical School

HURON WILLIS LAWSON, S. M., M. D.

Professor of Obstetrics

Visiting Obstetrician, Columbia Hospital for Women; Visiting Gynecologist, Freedmen's Hospital; *Obstetrician-in-Chief, The George Washington University Hospital and Dispensary.*

1706 Rhode Island Avenue

FRANK ADELBERT HORNADAY, S. B., M. S., M. D.

Professor of Dietetics, Associate in Medicine, and Supervisor of Medical Clinics

Assistant Attending Physician, Children's Hospital; Attending Physician, Dispensary; Central Dispensary and Emergency Hospital; *Attending Physician, The George Washington University Dispensary.*

3509 14th Street

THOMAS CHARLES MARTIN, Ph. D., M. D.

Professor of Proctology

The Rochambeau

PROFESSIONAL DEPARTMENTS

HARRY S. BERNTON, A. B., M. D.

Professor of Medical Jurisprudence

Director of Child Welfare, District of Columbia.

1333 G Street

WILLIAM THORNWALL DAVIS, M. D.

Professor of Ophthalmology

Associate Ophthalmologist, The Episcopal Eye, Ear and Throat Hospital; Garfield Memorial Hospital; Columbia Hospital for Women; and Children's Hospital.

927 Farragut Square

JOHN K. BUTKIEWICZ, A. B., D. D. S.

Professor of Histology

312 G Street N. E.

CUSTIS LEE HALL, M. D.

*Professor of Orthopedic Surgery*Associate Orthopedic Surgeon to the Children's Hospital; Consulting Orthopedic Surgeon to Casualty Hospital; Assistant Orthopedic Surgeon to Providence Hospital and to Georgetown University Hospital; *Orthopedic Surgeon to The George Washington University Hospital and Dispensary.*

2901 16th Street

NOLAN DON CHARPENTIER LEWIS, M. D.

Professor of Experimental Pathology

Pathologist, St. Elizabeth's Hospital.

St. Elizabeth's Hospital

ARTHUR C. CHRISTIE, M. S., M. D.

*Professor of Roentgenology*Roentgenologist to the Columbia Hospital for Women; *Roentgenologist-in-Chief, The George Washington University Hospital and Dispensary.*

1621 Connecticut Avenue

GEORGE BAIN JENKINS, M. D.

Professor of Anatomy

1639 W Street S. E.

EUGENE G. NORTINGTON, M. D.

Professor of Hygiene and of Military Science and Tactics

Major, Medical Corps, U. S. Army, Retired. In charge Medical Corps, Unit, Reserve Officers' Training Corps.

RALPH EMERSON MYERS, A. B., M. A., M. D.

Professor of Chemistry

2700 Connecticut Avenue

EUGENE RUDOLPH WHITMORE, B. S., M. D., Dr. P. H.

Professor of Bacteriology

2139 Wyoming Avenue

HENRY WALTER KEARNEY, M. D.

*Professor of Anaesthesia*Anaesthetist to Garfield Memorial Hospital; *Anaesthetist-in-Chief to The George Washington University Hospital.*

1229 O Street N. W.

TOMÁS CAJIGAS, B. S., M. D.

Professor of Pathology

Director, Clinical Laboratory, The George Washington University Hospital and Dispensary.

1834 16th Street

EARL C. FOLLETT, M. D.

Professor of Physiology and Pharmacology

826 Kennedy Street

....., M. D.

Professor of Military Surgery

Colonel, Medical Corps. U. S. Army.

ASSOCIATE PROFESSORS

CHARLES STANLEY WHITE, M. D.

Associate Professor of Surgery

Associate Visiting Surgeon, Central Dispensary and Emergency Hospital; Consulting Surgeon, St. Elizabeth's Hospital; Consulting Surgeon, Episcopal Eye, Ear and Throat Hospital; Associate Surgeon, The George Washington University Hospital.

911 16th Street

DANIEL LERAY BORDEN, S. B., A. M., M. D.

Associate Professor of Surgery

Attending Gynecologist to the Dispensary, Columbia Hospital for Women; Assistant Surgeon, Children's Hospital; Surgeon to the Police and Fire Departments, D. C.; Associate Surgeon, The George Washington University Hospital.

The Rochambeau

JOSEPH HYRAM ROE, A. B., A. M.

Associate Professor of Chemistry

1012 17th Street

THOMAS A. GROOVER, M. D.

Associate Professor of Roentgenology

Roentgenologist to the Emergency Hospital; Associate Roentgenologist to The George Washington University Hospital and Dispensary.

1621 Connecticut Avenue

JOSEPH DUERSON STOUT, A. B., M. A., Ph. D., M. D.

Associate Professor of Neurology and Psychiatry

901 16th Street

JAMES H. DEFENDORF, A. B., M. A.

Associate Professor of Physiology and Pharmacology

Garet Park, Md.

CLINICAL PROFESSORS

AURELIUS RIVES SHANDS, M. D.

Clinical Professor of Orthopedic Surgery

Attending Surgeon to the Central Dispensary and Emergency Hospital; Consulting Surgeon to the Home for Incurables.

901 16th Street

THOMAS ASH CLAYTOR, M. D.
Clinical Professor of Medicine

Attending Physician to the Garfield Memorial Hospital and Tuberculosis Hospital.
 1826 R Street

ALBERT LIVINGSTON STAVELY, M. D.
Clinical Professor of Gynecology
 Gynecologist to the Garfield Memorial Hospital.
 1744 M Street

LUTHER HALSEY REICHELDERFER, M. D.
Clinical Professor of Surgery
 Attending Surgeon to the Garfield Memorial Hospital; Children's Hospital and
 to the Tuberculosis Hospital.
 1721 Connecticut Avenue

GIDEON BROWN MILLER, B. Sc., C. E., M. D.
Clinical Professor of Gynecology
 Attending Gynecologist to the Garfield Memorial Hospital; the Central Dis-
 pensary and Emergency Hospital, and the Columbia Hospital for Women.
 1730 K Street

WILLIAM SINCLAIR BOWEN, M. D.
Clinical Professor of Obstetrics
 Attending Obstetrician to Columbia Hospital for Women, and Garfield Memorial
 Hospital.
 The Farragut

OSCAR ADDISON MACK MCKIMMIE, M. D.
Clinical Professor of Laryngology and Otology
 Surgeon to the Episcopal Eye, Ear and Throat Hospital.
 The Valois

FRANK LEECH, M. D.
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 Attending Physician, Garfield Memorial Hospital, and Children's Hospital.
 1359 Columbia Road

HARRY HYLAND KERR, M. D., C. M.
Clinical Professor of Surgery
 Attending Surgeon to the Children's Hospital; Freedmen's Hospital; Garfield
 Memorial Hospital, and Associate Surgeon to the Providence Hospital.
 1742 N Street

JAMES F. MITCHELL, A. B., M. D.
Clinical Professor of Surgery
 Chief, Surgical Service, Emergency Hospital; Consulting Surgeon, Providence
 Hospital.
 1344 19th Street

THOMAS MADDEN FOLEY, M. D.
Clinical Professor of Orthopedic Surgery
 Orthopedic Surgeon to the Washington Asylum Hospital; Associate Orthopedic
 Surgeon to the Emergency Hospital and to the Providence Hospital.
 901 16th Street

J. LAWN THOMPSON, M. D.
Clinical Professor of Medicine
 Physician to Providence Hospital.
 1735 20th Street

HARRY HAMPTON DONNALLY, A. M., M. D.

Clinical Professor of Pediatrics

Assistant Physician, Children's Hospital; Attending Physician, Washington Home for Foundlings.

1612 I Street

THOMAS S. LEE, A. B., M. D.

Clinical Professor of Medicine

Attending Physician, Washington Asylum Hospital; Consulting Physician, Providence Hospital.

2109 O Street

EDGAR PASQUAL COPELAND, M. D.

Clinical Professor of Pediatrics

Assistant Physician, Children's Hospital; Attending Physician, Washington Foundling Hospital and St. Anne's Infant Asylum; Pediatricist to the Columbia Hospital and Freedman's Hospital; Member Staff, Washington Diet Kitchen Association; Associate in Pediatrics to The George Washington University Hospital and Dispensary.

The Rockingham

WILLIAM DAVIS TEWKSBURY, M. D.

Clinical Professor of Medicine

Physician in Charge, Tuberculosis Hospital; Medical Director, Health Department Clinic, District of Columbia.

Medical Science Building

ASSOCIATES

COURSEN BAXTER CONKLIN, B. S., M. D.

Associate in Medicine

Associate Pediatricist, Casualty Hospital; Associate Physician to The George Washington University Hospital.

The Rochambeau

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Associate in Medicine

Director and Attending Physician to The George Washington University Dispensary.

1720 Connecticut Avenue

EDWIN A. MERRITT, M. D.

Associate in Roentgenology

Roentgenologist to the Garfield Memorial Hospital.

1821 Connecticut Avenue

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Associate in Anaesthesia

Anaesthetist to The George Washington University Hospital.

1420 Rhode Island Avenue

CHARLES W. HYDE, M. D.

Associate in Anaesthesia

Anaesthetist to The George Washington University Hospital.

The Alabama

PROFESSIONAL DEPARTMENTS

ELIJAH WHITE TITUS, M. D.

*Associate in Gynecology**Associate in Gynecology, Columbia Hospital for Women. Attending Gynecologist, The George Washington University Dispensary.*

The Rochambeau

GEORGE NICHOLAS ACKER, 2D, B. S., M. D.

*Associate in Medicine**Attending Physician to The George Washington University Dispensary.*

2015 Q Street

HOWARD FRANCIS KANE, A. B., M. D.

*Associate in Obstetrics and Gynecology**Attending Obstetrician, Freedman's Hospital; Assistant Obstetrician, Casualty Hospital; Associate Obstetrician, Columbia Hospital for Women; Attending Gynecologist, George Washington University Dispensary.*

Stoneleigh Court

EDWARD J. HORGAN, M. D.

Associate in Surgery

Stoneleigh Court.

CLINICAL ASSOCIATES

THOMAS LINVILLE, M. D.

*Clinical Associate in Medicine**Attending Physician to The George Washington University Hospital.*

2517 14th Street

ROSCOE W. HALL, Ph. B., M. D.

*Clinical Associate in Psychiatry**Senior Physician, St. Elizabeth's Hospital.*

St. Elizabeth's Hospital

EVERETT MONROE ELLISON, A. B., A. M., M. D.

*Clinical Associate in Medicine**Director of Clinics, Central Dispensary and Emergency Hospital; Assistant to Attending Staff, Children's Hospital; Member of Medical Staff, Washington Diet Kitchen Association.*

1720 M Street

ADAM KEMBLE, Phar. D., M. D.

*Clinical Associate in Genito-Urinary Surgery**Attending Surgeon, Genito-Urinary Service, The George Washington University Dispensary.*

The Cecil

DANIEL C. MAIN, M. D.

*Clinical Associate in Psychiatry**Clinical Director, St. Elizabeth's Hospital.*

St. Elizabeth's Hospital

EDWARD M. PARKER, M. D.

Clinical Associate in Surgery

1726 M Street N. W.

WILLIAM H. JENKINS, M. D.

Clinical Associate in Laryngology and Otology

Junior Assistant Surgeon, Episcopal Hospital; Associate Attending Surgeon in
Oto-Laryngology, Emergency Hospital.

1738 M Street N. W.

CYRUS W. CULVER, M. D., C. M.

Associate in Obstetrics

Director, Out-Patient Obstetric Service; Attending Obstetrician, George Wash-
ington University Dispensary.

1135 Allison Street

WATSON WILLIAM ELDRIDGE, M. D.

Associate in Medicine

Internist to St. Elizabeth's Hospital.

St. Elizabeth's Hospital

INSTRUCTORS

EDWARD GRANT SEIBERT, Ph. G., M. D.

Clinical Instructor in Laryngology and Ophthalmology

Assistant Attending Physician, Episcopal Eye, Ear and Throat Dispensary;
Associate in Laryngology to The George Washington University Hospital;
Laryngologist to The George Washington University Dispensary.

1545 I Street

JOHN POTTS FILLEBROWN, M. E., M. D.

Clinical Instructor in Surgery

Attending Surgeon, George Washington University Dispensary.

Stoneleigh Court

ALBERT PERKINS TIBBETS, A. B., M. D.

Clinical Instructor in Laryngology

Assistant Laryngologist and Otologist, George Washington University Dispensary.

1430 Rhode Island Avenue

HARRY SAMUEL LEWIS, M. D.

Clinical Instructor in Surgery

Associate in Surgery, Central Dispensary and Emergency Hospital.

1219 Vermont Avenue

VIRGIL B. JACKSON, M. D.

Clinical Instructor in Gynecology

Associate Gynecologist to the Central Dispensary and Emergency Hospital.

The Kedrick

HOMER GIFFORD FULLER, M. D.

Clinical Instructor in Genito-Urinary Surgery

Assistant, Genito-Urinary Service, The George Washington University Hospital
and Dispensary.

1884 Columbia Road

PROFESSIONAL DEPARTMENTS

FRED Y. WILLIAMSON, M. D.

Clinical Instructor in Surgery

Attending Surgeon, University Dispensary.

The Rochambeau

F. AUGUST REUTER, M. D.

Clinical Instructor in Medicine

Assistant Interne, St. Elizabeth's Hospital.

St. Elizabeth's Hospital

EUGENE A. TAYLOR, M. D.

Clinical Instructor in Laryngology

Attending Surgeon, Episcopal Eye, Ear and Throat Hospital.

1029 Vermont Avenue

JAMES A. CAHILL, JR., M. D.

Clinical Instructor in Surgery

Associate Surgeon, Providence Hospital; Associate in Gynecology, Georgetown University Hospital.

1940 Biltmore Street

NATHAN NORMAN SMILER, M. D.

Clinical Instructor in Surgery

Member, Dispensary Staff, Emergency Hospital; Attending Physician, Child's Welfare; Attending Surgeon, George Washington University Dispensary.

1103 P Street

MAURICE A. SELINGER, M. D.

Clinical Instructor in Medicine

Assistant Attending Physician, Children's Hospital; Associate Attending Physician, Garfield Memorial Hospital.

1120 Columbia Road

BOYCE RICHARDSON BOLTON, M. D.

Clinical Instructor in Laryngology and Otology

Episcopal Ear, Nose and Throat Hospital

WILLIAM H. TALBOTT, M. D.

Instructor in Physical Diagnosis

1125 Buchanan Street

THE STAFF OF THE GEORGE WASHINGTON UNIVERSITY HOSPITAL AND DISPENSARY

Hospital

| | |
|--------------------------------------|----------------------------------|
| STERLING RUFFIN, M. D. | Physician-in-Chief |
| BUCKNER MAGILL RANDOLPH, M. D. | Associate Physician |
| COURSEN BAXTER CONKLIN, M. D. | Associate Physician |
| THOMAS LINVILLE, M. D. | Associate Physician |
| WILLIAM CLINE BORDEN, M. D. | Surgeon-in-Chief |
| CHARLES STANLEY WHITE, M. D. | Associate Surgeon |
| DANIEL LERAY BORDEN, M. D. | Associate Surgeon |
| JOHN WESLEY BOVEE, M. D. | Gynecologist-in-Chief |
| HURON WILLIS LAWSON, M. D. | Obstetrician-in-Chief |
| GEORGE NICHOLAS ACKER, M. D. | Pediatrician |
| EDGAR PASQUAL COPELAND, M. D. | Associate Pediatrician |
| CUSTIS LEE HALL, M. D. | Orthopedic Surgeon |
| FRANCIS RANDALL HAGNER, M. D. | Genito-Urinary Surgeon |
| HOMER GIFFORD FULLER, M. D. | Associate Genito-Urinary Surgeon |
| ADAM KEMBLE, M. D. | Associate Genito-Urinary Surgeon |
| RANDOLPH BRYAN CARMICHAEL | Dermatologist |
| CHARLES WILLIAMSON RICHARDSON, M. D. | Laryngologist |
| WILLIAM THORNHILL DAVIS, M. D. | Ophthalmologist |
| EDWARD GRANT SEIBERT, M. D., | |

Associate Laryngologist and Ophthalmologist

| | |
|-----------------------------|---|
| ARTHUR C. CHRISTIE, M. D. | Roentgenologist |
| THOMAS A. GROOVER, M. D. | Associate Roentgenologist |
| EDWIN A. MERRITT, M. D. | Associate Roentgenologist |
| HENRY W. KEARNEY, M. D. | Anaesthetist |
| CLINE N. CHIPMAN, M. D. | Associate Anaesthetist |
| CHARLES W. HYDE, M. D. | Associate Anaesthetist |
| OSCAR BENWOOD HUNTER, M. D. | Pathologist |
| TOMAS CAJIGAS, M. D. | Director of the Clinical Laboratory |
| AURALEE SCHREVE, R. N. | Laboratory Technician |
| B. B. THOMPSON, R. N. | Superintendent of Nurses and Principal of the Training School for Nurses |
| JOHN BRUCE COPPING | Superintendent |

Dispensary

| | |
|-----------------------------|----------------------------|
| STERLING RUFFIN, M. D. | Physician-in-Chief |
| WILLIAM CLINE BORDEN, M. D. | Surgeon-in-Chief |
| JOHN WESLEY BOVEE, M. D. | Gynecologist-in-Chief |
| HURON WILLIS LAWSON, M. D. | Obstetrician-in-Chief |
| WILLIAM J. MALLORY, M. D. | Director of the Dispensary |

Medicine

| | |
|---------------------------------|---------------------|
| WILLIAM JOHNSTON MALLORY, M. D. | Attending Physician |
| FRANK A. HORNADAY, M. D. | Attending Physician |
| JAMES H. HAWFIELD, M. D. | Attending Physician |
| JESSE T. MANN, M. D. | Attending Physician |
| WILLIAM B. SIMS, M. D. | Attending Physician |
| JAMES MINOR, M. D. | Attending Physician |
| RUSSELL K. HOLLINGSWORTH, M. D. | Attending Physician |

Surgery

| | |
|---------------------------|-------------------|
| JOHN POTTS FILLEBROWN | Attending Surgeon |
| JACOB KOTZ, M. D. | Attending Surgeon |
| CUSTIS L. HALL, M. D. | Attending Surgeon |
| FRED Y. WILLIAMSON, M. D. | Attending Surgeon |
| NATHAN N. SMILER | Attending Surgeon |

Genito-Urinary and Skin Diseases

| | |
|-------------------------|-------------------|
| ADAM KEMBLE, M. D. | Attending Surgeon |
| CHARLES O. KNOTT, M. D. | Attending Surgeon |
| HARRY PRICE, M. D. | Attending Surgeon |
| LYLE M. MASON, M. D. | Attending Surgeon |

Gynecology

| | |
|----------------------------|------------------------|
| HOWARD FRANCIS KANE, M. D. | Attending Gynecologist |
| ELIJAH WHITE TITUS, M. D. | Attending Gynecologist |

Obstetrics

| | |
|------------------------|---|
| CYRUS W. CULVER, M. D. | Attending Obstetrician, Out-Patient Service |
| RAMSAY SPILLMAN, M. D. | Attending Obstetrician |

Eye, Ear, Throat and Nose

| | |
|-------------------------------|-------------------------------------|
| WILLIAM T. DAVIS, M. D. | Ophthalmologist |
| EDWARD GRANT SEIBERT, M. D. | Laryngologist and Ophthalmologist |
| RALPH S. PENDEXTER, M. D. | Attending Ophthalmologist |
| ALBERT PERKINS TIBBETS, M. D. | Attending Laryngologist & Otologist |
| EARL GRIFFITH BREEDING, M. D. | Attending Laryngologist & Otologist |
| BOYCE R. BOLTON, M. D. | Attending Laryngologist |

Pediatrics

| | |
|-------------------------------|------------------------|
| COURSEN BAXTER CONKLIN, M. D. | Attending Pediatrician |
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Neurology

| | |
|------------------------|-----------------------|
| JOSEPH D. STOUT, M. D. | Attending Neurologist |
|------------------------|-----------------------|

Roentgenology

| | |
|---------------------------|---------------------------|
| ARTHUR C. CHRISTIE, M. D. | Roentgenologist |
| THOMAS A. GROOVER, M. D. | Associate Roentgenologist |

Dentistry

| | |
|-----------------------------|--------------------------|
| ALLAN S. WOLFE, D. D. S. | Attending Oral Surgeon |
| RALPH L. MORRISON, D. D. S. | Attending Dental Surgeon |
| H. A. SWANSON, D. D. S. | Attending Dental Surgeon |

Pathology

| | |
|-----------------------------|-------------|
| OSCAR BENWOOD HUNTER, M. D. | Pathologist |
|-----------------------------|-------------|

Laboratory

| | |
|-----------------------------|------------|
| TOMAS MOREAU CAJIGAS, M. D. | Director |
| AURALEE SHREVE, R. N. | Technician |

Medical Building

| | |
|-----------------------------|--------------------------------|
| ANNA ELIZABETH SELLNER | Secretary to the Dean |
| OSCAR B. HUNTER, M. D. | Curator of the Museum |
| WILLIAM BINFORD KING, A. B. | Librarian |
| VIOLET RAISON | Assistant Librarian |
| ELMER SCHATZ | Superintendent of the Building |

Historical

The Medical School of the George Washington University, in chronological order of establishment, is the eleventh Medical School in the United States. The first course of lectures began in March, 1825. For many years the school was known as the National Medical College; subsequently as the Department of Medicine of the Columbian University. By virtue of an act of Congress approved January 23, 1904, the Columbian University changed its name to "The George Washington University."

In order to increase the facilities for bedside and clinical teaching, the University Hospital and the University Dispensary were established in 1898 and made a part of the Medical School. In 1902 the old Medical School Building, in which the exercises had been held since 1867, gave place to the present large and commodious structure.

Educational Position

The Medical School of the University has for several years been a member of the Association of American Medical Colleges. It is one of the medical colleges designated as "Class A" by the American Medical Association, and it is accredited for all its work by the Combined (Royal) Medical Examining Boards in England.

The degree of M. D. given by this University admits the holder to all governmental examinations, including those for the Medical Corps of the United States Army and Navy and the Public Health Service and, with evidence of one year of post graduate hospital work in those States which require hospital internship, will admit a graduate of our Medical School to all state examinations.

The alumni of this school are largely represented in all public services, and have been highly successful in passing the rigid examinations given by them. These facts guarantee the character of the work done by the School and insure students and graduates all the advantages which accrue from such association and recognition.

BUILDINGS AND OTHER FACILITIES

All the buildings adjoin each other and consist of the Medical School building, the University Hospital and the University Dispensary. They are most advantageously situated in the heart of the city within one block of both systems of car lines. As the Hospital and Dispensary adjoin the School, their clinical facilities are easily accessible to the students, and the pathological material and the material for clinical microscopy and clinical chemistry afforded by the Hospital and Dispensary are directly used in the School laboratories.

Medical School Building.—A modern, commodious, five-story structure with spacious, well-lighted, well-ventilated lecture and class rooms, laboratories, and students' rooms, equipped with steam heat, gas, electricity, and all modern improvements.

Laboratories.—Five in number (for anatomy, bio-chemistry and clinical chemistry, histology and embryology, physiology and pharmacology and bacteriology and pathology) are fully equipped with the most approved appliances, so that students may adequately pursue the laboratory courses and acquire the technical skill necessary in modern clinical and research work.

Medical Library.—Open for study and reading from 9 a. m. to 4 p. m., with a librarian in charge. It contains at present more than 2,000 volumes, and provision is made to add to it as published the important new works on medicine. The standard medical periodicals are regularly received. The library is an excellent working collection, as it affords opportunity to read up adequately on the subjects presented in the courses.

For purposes of study and research the unequalled resources of the great Library of the Surgeon General of the Army are available to all students and teachers.

Pathological Museum.—Contains many valuable and interesting specimens. Their number is increased by additions from time to time. These specimens are particularly valuable to the students as illustrating the changes produced by disease.

No dental or arts courses are conducted in the Medical School, and students in medicine have the advantage of being instructed by teachers whose interests are primarily medical and of not having to be in classes or laboratories with students pursuing other courses.

ADVANTAGE OF LOCATION FOR THE STUDY OF MEDICINE

The city of Washington has nearly a half million inhabitants, providing abundant clinical material to the hospitals, which have an aggregate of over four thousands beds. In these hospitals clinical instruction, in addition to that in the University Hospital, is given by members of the faculty.

The *great libraries and museums* connected with the various Government institutions afford unparalleled facilities for study.

The Library of the Surgeon General's office of the United States Army is the most complete medical library in the world, and all leading medical periodicals of the world are subscribed for. There is also the Library of Congress, the public Library, and the many excellent libraries of the various government offices. All the facilities of these great libraries are open to *medical students*.

The *Army Medical Museum* affords an unrivalled opportunity for studying the conditions met with in military and general medicine and surgery. It has on exhibition a collection of anatomical and pathological specimens unequalled by any other museum. The other great government museums—the Museum of Hygiene and the National Museum—as well as the Smithsonian Institution, the Fish Commission, the Botanic Gardens and the Department of Agriculture, all afford opportunities for study both in medicine and its collateral sciences.

On account of the many medical and scientific facilities of this city, the *Army and Navy Medical Schools*, with the large *Army and Navy General Hospitals*, have been located here.

Aside from the special advantages offered for the study of medicine, the cosmopolitan character of the city of Washington, its climate (not excessively cold in winter), its beauty, and its interests, which, as it is the seat of the General Government, are broad and national, make it an ideal place for a medical student to pass his four years of study.

ADMISSION *

The requirements for admission to the Medical Schools are as follows:

Candidates for matriculation must be of good moral character.

The minimum educational requirements for admission are fifteen units of secondary school work and two years of college work made up as follows:

SECONDARY SCHOOL UNITS

Credit may be granted for the subjects shown in the following list and for any other subjects counted by a standard accredited high school as a part of the requirements for its diploma, provided that at least eleven units must be offered in groups I-V:

| <i>Subjects</i> | <i>Units* Required</i> | |
|----------------------------------|------------------------|----|
| Group I, English— | | |
| Literature and composition..... | 3-4 | 3 |
| Group II, Foreign Languages— | | |
| Latin | 1-4 | |
| Greek | 1-3 | |
| French and German..... | 1-4 | 2+ |
| Other foreign languages..... | 1-4 | |
| Group III, Mathematics— | | |
| Elementary algebra..... | 1 | 1 |
| Advanced algebra..... | $\frac{1}{2}$ -1 | |
| Plane geometry..... | 1 | 1 |
| Solid geometry..... | $\frac{1}{2}$ | |
| Trigonometry | $\frac{1}{2}$ | |
| Group IV, History— | | |
| Ancient history..... | $\frac{1}{2}$ -1 | |
| Medieval and modern history..... | $\frac{1}{2}$ -1 | |
| English history..... | $\frac{1}{2}$ -1 | 1 |
| American history..... | $\frac{1}{2}$ -1 | |
| Civil government..... | $\frac{1}{2}$ -1 | |
| Group V, Science— | | |
| Botany | $\frac{1}{2}$ -1 | |
| Zoology | $\frac{1}{2}$ -1 | |
| Chemistry | 1 | |
| Physics | 1 | |
| Physiography | $\frac{1}{4}$ -1 | |
| Physiology | $\frac{1}{2}$ -1 | |
| Astronomy | $\frac{1}{2}$ | |
| Geology | $\frac{1}{2}$ -1 | |

* A unit is the credit value of at least thirty-six weeks' work of four or five recitation periods per week, each period to be not less than 45 minutes. A point is a subject pursued through one-half the above time. Two points may be considered the equivalent of one unit.

† Both of the required units of foreign language must be of the same language, but the two units may be presented in any one of the languages specified.

| <i>Subjects</i> | <i>Units Required</i> |
|--|-----------------------|
| Group VI, Miscellaneous— | |
| Agriculture | 1-2 |
| Bookkeeping | $\frac{1}{2}$ -1 |
| Business law | $\frac{1}{2}$ -1 |
| Commercial geography | $\frac{1}{2}$ -1 |
| Domestic science | 1-2 |
| Drawing, freehand and mechanical | $\frac{1}{2}$ -2 |
| Economics and economic history | $\frac{1}{2}$ -1 |
| Manual training | 1-2 |
| Music: Appreciation and harmony | 1-2 |

COLLEGE WORK

| | <i>Semester hours required</i> |
|-----------------|--------------------------------|
| Chemistry | 12 |
| Physics | 8 |
| Biology | 8 |
| English | 6 |
| Electives | 26 |

Chemistry.—Of the twelve semester hours required, eight hours must be made up of general inorganic chemistry (including four semester hours of laboratory work). Qualitative analysis may be counted as general inorganic chemistry. The remaining four semester hours may consist of additional work in general chemistry or of work in analytic or organic chemistry. After September 1, 1922, the four semester hours must consist of organic chemistry.

Physics.—The eight semester hours required must include at least two semester hours in laboratory work. It is urged that this course be preceded by a course in trigonometry.

Biology.—Eight semester hours required, of which four must consist of laboratory work. This requirement may be satisfied by a course of eight semester hours in either general biology or zoology or by a course of four semester hours each in zoology and botany, but not by botany alone.

English Composition and Literature.—The usual introductory college course of six semester hours, or its equivalent, is required.

Electives.—It is recommended that the twenty-six semester hours required include a modern foreign language, comparative vertebrate anatomy, social science and psychology.

A semester hour is the credit value of one-half year's work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net; at least two hours of lab-

oratory work to be considered as the equivalent of one lecture or recitation period; and the year to be not less than thirty-three weeks of actual work.

An examination is given by the University in the latter part of May and September of each year to students who are deficient in whole or part of the subjects required for entrance to the Pre-medical Course. Candidates desiring examination must submit an application for the examination before the first of the month in which they desire to be examined.

Certificates from reputable instructors recognized by the State Board of Medical Examiners duly authorized by law or by the Superintendent of public instruction in States having no examining board may be accepted in lieu of any part of the examination.

The laws relating to the preliminary educational qualifications required of physicians differ in many of the States, and candidates are advised that if they meet the premedical and other requirements of this School they will be able to comply with these legal demands of all State Examining Boards in the United States. Any admission standard lower than that of this institution will not meet the requirements of all the States in the Union.

SPECIAL COURSE FOR ADMISSION TO THE MEDICAL SCHOOL

Courses are offered by the University to meet the required two years of college work necessary to enter the freshman class in Medicine.

| <i>First Year</i> | SEMESTER HOURS |
|---|-------------------|
| Chemistry 1 and 2 | 10 |
| Zoology 3 | 8 |
| English 1 or 2 | 6 |
| Electives (including preferably French or German).... | 6 |
| | — |
| Total | 30 |

| <i>Second Year</i> | SEMESTER HOURS |
|---|-------------------|
| Physics 3 and 4 | 10 |
| Chemistry 8 | 6 |
| Electives (other than Natural Science)..... | 14 |
| | — |
| Total | 30 |

**COURSES AND DEGREES OFFERED BY THE UNIVERSITY
IN ADDITION TO OR IN COMBINATION WITH THE
COURSE FOR THE DEGREE OF DOCTOR
OF MEDICINE**

The University offers a six-year combination course, by which a student may obtain the degree of Bachelor of Science in Medicine and Doctor of Medicine, and a seven-year course for the degrees of Bachelor of Arts and Doctor of Medicine.

ADMISSION TO COLUMBIAN COLLEGE

Applicants for admission to the Freshman Class in Columbian College for the combined courses leading to the degrees of Bachelor of Arts or Bachelor of Science in Medicine and Doctor of Medicine must meet the general admission requirements of fifteen units. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. *The fifteen units of the entrance requirements must include English, 3 units; Mathematics, 2½ units, and one of the following languages: Latin, Greek, French, German, or Spanish 2 units.* The remainder of the requirement is elective and may be satisfied in general by any accredited secondary school subjects.

**SIX YEAR COURSE FOR THE DEGREES OF BACHELOR OF
SCIENCE IN MEDICINE AND DOCTOR OF MEDICINE**

Regular students in this course will complete in two years the prescribed work in college, at least twelve semester hours of which must be taken in Columbian College, and the four-year course in the Medical School. On the completion of this six-year course the student will receive at the same time the degrees of Bachelor of Science in Medicine and Doctor of Medicine. The curriculum for the combined six-year course is as follows:

a. Columbian College

Freshman Year

| | SEMESTER HOURS |
|-------------------------|-------------------|
| Chemistry 1 and 2 | 10 |
| English 1 or 2 | 6 |
| French or German | 6 |
| Mathematics | 6 |
| Zoology 3 | 8 |
| | — |
| Total | 36 |

Sophomore Year

| | SEMESTER HOURS |
|---|-------------------|
| Chemistry 8 | 6 |
| French, German or Spanish | 6 |
| Philosophy (including Psychology) | 6 |
| Physics 3 and 4 | 10 |
| Zoology 2 | 6 |
| Electives | 2 |
| Total | 36 |

b. Medical School

The four-year course for the degree of Doctor of Medicine.

SEVEN YEAR COURSE FOR THE DEGREES OF BACHELOR OF ARTS AND DOCTOR OF MEDICINE

Regular students in this course will complete at least 90 semester hours as prescribed in Columbian College and the first-year course in the Medical School. On completion of the prescribed 90 semester hours of college work and the first year of the regular course in Medicine, the student will receive the degree of Bachelor of Arts.

The hours of prescribed work, at least 12 semester hours of which must be taken in Columbian College, are as follows:

Columbian College:

| SUBJECT | SEMESTER HOURS |
|--|-------------------|
| Zoology 3 | 8 |
| Chemistry 1, 2 and 8 | 16 |
| English | 6 |
| Modern Languages, preferably French or German..... | 12 |
| Mathematics | 6 |
| Physics 3 and 4 | 10 |
| Philosophy (including Psychology) | 6 |
| Electives (including not to exceed 30 semester hours in Medicine) | 56 |
| Total | 120 |

ADMISSION OF STUDENTS FROM OTHER SCHOOLS

Students who have satisfactorily attended one or more terms at any other Class A medical school, and who have the necessary

preliminary educational requirements, may be admitted to advanced standing.

Students who have been in attendance upon an Arts course in other accredited colleges or universities may be admitted to advanced standing in any of the premedical courses offered by the University upon examination or upon presentation of properly certified evidence of satisfactory completion of work for which credit is asked.

Students, approved by the Dean, not candidates for the degree of Doctor of Medicine, may be admitted as special students to any of the courses, provided they have the educational attainments which will enable them to pursue properly the studies they elect.

ACADEMIC YEAR

The *Academic Year* begins on the last Wednesday in September. It is divided into two half-years of four months each.

The term of study for the degree of Doctor of Medicine consists of four years of thirty-two weeks each, exclusive of vacations and holidays. The next session, the ninety-ninth, begins September 27, 1922, and ends June 6, 1923.

Students must register promptly at the beginning of the session, in order that their time of study shall count as a full year.

SYSTEM OF INSTRUCTION

Instruction is carried on by laboratory work, lectures, recitations, bedside instruction, and hospital and dispensary clinics. Particular stress is laid upon laboratory work and clinical teaching. The clinical material of the University Hospital and Dispensary is utilized to the fullest extent, as the Hospital, the Dispensary, and the Medical School are under the same control. Additional clinics are given in other hospitals in the city to which members of the faculty are attached.

While the greatest stress is laid upon laboratory work and clinical teaching, it is recognized that the facts so obtained must be correlated and shown in their due relation to each other and to the science of medicine. To this end didactic lectures are maintained in certain branches, as they have been found necessary to give a systematic and comprehensive idea of the larger subjects in medicine.

The policy adopted by the School is to give a comprehensive, well-graded and well-proportioned course—one that will adequately prepare the graduate to practice general medicine and meet the requirements of State Medical Examining Boards.

ORDER OF INSTRUCTION

The subjects studied in each year are shown in the following table. Major subjects are in italics:

| FIRST YEAR | SECOND YEAR | THIRD YEAR | FOURTH YEAR |
|---|--|--|--|
| <i>Anatomy.</i> <i>Histology.</i> <i>Embryology.</i> <i>Physiology.</i> <i>Chemistry.</i> <i>Ethics.</i> | <i>Anatomy.</i> <i>Chemistry.</i> <i>Pathology.</i> <i>Bacteriology.</i> <i>Materia Medica.</i> <i>Pharmacology.</i> <i>Minor Surgery.</i> <i>Physical</i> <i>Diagnosis.</i> <i>Pathological</i> <i>Physiology.</i> <i>Hygiene.</i> | <i>Medicine.</i> <i>Surgery.</i> Fractures and Dislocations. <i>Clinical</i> <i>Microscopy.</i> <i>Obstetrics.</i> <i>Therapeutics.</i> <i>Roentgenology.</i> <i>Anaesthesia.</i> <i>Gynecology.</i> <i>Medical</i> <i>Jurisprudence.</i> <i>Clinical</i> <i>Chemistry.</i> <i>Dietetics.</i> <i>Tropical</i> <i>Medicine.</i> <i>Clinics.</i> | <i>Medicine.</i> <i>Surgery.</i> <i>Orthopedics.</i> <i>Genito-Urinary</i> <i>Diseases.</i> <i>Military</i> <i>Surgery.</i> <i>Obstetrics.</i> <i>Gynecology.</i> <i>Laryngology</i> <i>and Otology.</i> <i>Ophthalmology.</i> <i>Dermatology.</i> <i>Psychiatry.</i> <i>Pediatrics.</i> <i>Neurology.</i> <i>Ethics.</i> <i>Clinics.</i> |

The *clinics* above listed comprise the medical, surgical, obstetrical and other clinics given in the third and fourth years, and are as hereafter noted under the announcements of the different clinical subjects.

Students in the medical unit, Reserve Officers' Training Corps, have one additional hour per week of instruction in medicomilitary subjects.

OUTLINE OF CURRICULUM

Hours of Required Work in Each Subject

(On the basis of 32 actual weeks in each year)

| SUBJECT | YEARS | HOURS | | Didactic not to exceed |
|--|-------------|----------|-------------------------------------|------------------------------|
| | | Totals*† | Di- dactic, Lab. and Clinical | |
| Anatomy | I | 420 | | 60 |
| Anatomy | II | 82 | | 20 |
| | | | 502 | 80 |
| Histology and Embryology..... | I | 288 | | 60 |
| | | | 288 | 60 |
| Chemistry | I | 250 | | 90 |
| | | | 250 | 90 |
| Physiology | I | 90 | | 30 |
| Physiology | II | 198 | | 70 |
| | | | 288 | 100 |
| Bacteriology | II | 144 | | 30 |
| Pathology | II | 320 | | 60 |
| Preventive Medicine and Hy- giene | II | 84 | | 32 |
| | | | 548 | 122 |
| Pharmacology | II | 162 | | 60 |
| Materia Medica | II | 30 | | 12 |
| | | | 192 | 72 |
| Therapeutics | III | 64 | | 64 |
| | | | 64 | 64 |
| Gynecology | III and IV | 120 | | 45 |
| | | | 120 | 45 |
| Obstetrics | III and IV | 192 | | 64 |
| | | | 192 | 64 |
| Medicine, including Endocrinol- ogy and Dietetics | II, III, IV | | | |
| General Medicine | | 510 | | 152 |
| Clinical Microscopy | | 48 | | 12 |
| Physical Diagnosis | | 80 | | 40 |
| Tropical Diseases | | 12 | | 12 |
| Dermatology and Syphilis..... | | 93 | | 30 |
| Pediatrics | | 165 | | 62 |
| Nervous and Mental Diseases.. | | 163 | | 54 |
| Medical Jurisprudence | | 23 | | 23 |
| Clinical Chemistry | | 48 | | 12 |
| | | —1142 | | — 401 |

* The number of hours represents the amount of time each student devotes to the course. In addition to the hours scheduled in the third and fourth years, each student is required to do satisfactorily considerable practical work; he is assigned to cases in hospitals, is required to assist at operations, to attend cases of labor, administer anaesthetics, attend autopsies, and to take the history of cases. Fully 120 hours annually are required to do this unscheduled work.

† Subject to variation.

| SUBJECT | YEARS | HOURS | |
|-------------------------------|-------------|--------------|----------|
| | | Totals*† Di- | Didactic |
| | | dactic, Lab. | not to |
| | | and Clinical | exceed |
| Surgery | II, III, IV | | |
| General Surgery, including | | | |
| Minor Surgery, Military | | | |
| Surgery, Fractures and An- | | | |
| aesthesia | | 484 | 148 |
| Roentgenology | | 36 | 14 |
| Ophthalmology | | 60 | 18 |
| Otology and Laryngology | | 56 | 28 |
| Genito-Urinary Surgery | | 52 | 28 |
| Orthopedics | | 57 | 24 |
| | | — 745 | — 260 |
| Grand totals | | 4331 | 1358 |

FIRST YEAR SCHEDULE

First Trimester

| <i>Monday</i> | <i>Tuesday</i> | <i>Wednesday</i> | <i>Thursday</i> | <i>Friday</i> | <i>Saturday</i> |
|-----------------|-----------------|------------------|-----------------|-----------------|-------------------|
| 9-12 Anatomy | 9-12 Anatomy | 9-12 Anatomy | 9-12 Anatomy | 9-12 Anatomy | 9-12 Chemistry |

| | | | | | |
|----------------------------|------------------|------------------------------------|------------------|----------------------------------|-----|
| 1-2 Military Science | 2-5 Chemistry | 2-5 Histology and Embryology | 2-5 Chemistry | 2-5 Histology & Embryology | 2-5 |
|----------------------------|------------------|------------------------------------|------------------|----------------------------------|-----|

Second Trimester

| | | | | | |
|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| 9-12 Anatomy | 9-12 Anatomy | 9-12 Anatomy | 9-12 Anatomy | 9-12 Anatomy | 9-12 Chemistry |
|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|

| | | | | | |
|----------------------------|------------------|------------------------------------|------------------|----------------------------------|-----|
| 1-2 Military Science | 2-5 Chemistry | 2-5 Histology and Embryology | 2-5 Chemistry | 2-5 Histology & Embryology | 2-5 |
|----------------------------|------------------|------------------------------------|------------------|----------------------------------|-----|

Third Trimester

| | | | | | |
|-----------------|-----------------|-----------------|-------------------|-----------------------------------|--------------------|
| 9-12 Anatomy | 9-12 Anatomy | 9-12 Anatomy | 9-12 Chemistry | 9-12 Histology & Embryology | 9-10 Physiology |
|-----------------|-----------------|-----------------|-------------------|-----------------------------------|--------------------|

| | | | | | |
|----------------------------|------------------|------------------------------------|-------------------|-------------------|--|
| 1-2 Military Science | 2-5 Chemistry | 2-5 Histology and Embryology | 1-5 Physiology | 1-5 Physiology | |
|----------------------------|------------------|------------------------------------|-------------------|-------------------|--|

SECOND YEAR

First Trimester

| <i>Monday</i> | <i>Tuesday</i> | <i>Wednesday</i> | <i>Thursday</i> | <i>Friday</i> | <i>Saturday</i> |
|---|---|---|---|---|---|
| 9-12 Bacteriology and Immunology | 9-12 Bacteriology and Immunology | 9-12 Bacteriology and Immunology | 9-12 Bacteriology and Immunology | 9-12 Pharmacology and Materia Medica | 9-12 Pharmacology and Materia Medica |
| 1-5 Physiology | 2-5 Neuro- Anatomy | 1-5 Physiology | 1-2 Military Science | 1-2 Physiology | |

Second Trimester

| | | | | | |
|-------------------|---|-------------------|--|---|---|
| 9-12 Pathology | 9-12 Pathology | 9-12 Pathology | 9-12 Pathology | 9-12 Pharmacology and Materia Medica | 9-12 Pharmacology and Materia Medica |
| 1-5 Physiology | 1-2 Applied Anatomy | 1-5 Physiology | 1-2 Applied Anatomy | 1-2 Physiology | 1-2 Military Science |
| | 2-5 Pharmacology and Materia Medica | | 2-5 Pharmacology & Materia Medica | 2-4 Preventive Medicine & Hygiene | |

Third Trimester

| | | | | | |
|--|------------------------------|------------------------------|--|---|----------------------------|
| 9-1 Pathology | 9-1 Pathology | 9-1 Pathology | 9-1 Pathology | 9-12 Physical Diagnosis | 1-2 Military Science |
| 2-5 Preventive Medicine and Hygiene | 2-5 Physical Diagnosis | 2-5 Physical Diagnosis | 2-3 Preventive Medicine & Hygiene | 1-5 Gross and Neuro- Pathology | |
| | 2-4 Physical Diagnosis | | | | |
| | 4-5 Minor Surgery | | 3-4 Minor Surgery | | |

THIRD YEAR

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|--|--|---|---|
| 8-9 Surgery Lecture | | | | | |
| 9-10 Practice of Medicine Lecture | 9-10 Therapeutics | 9-10 Practice of Medicine Lecture | 9-10 Gynecology Lecture | 9-10 Practice of Medicine Lecture to January 31st | 9-12 Clinical Chemistry to January 31st Clinical Microscopy after February 1 |
| 10-11 Obstetrics Lecture | 10-11 Dietetics to De- cember 31st | 10-12 Gynecological Clinic University Hospital or Columbia Hospital 2 Sections | 10-15-11:45 Surgical Clinic Children's Hospital 2 Sections | 10-11 Therapeutics | |
| 11-12 Practice of Medicine Recitation | 11:30-12:30 Obstetrics | 11-12 Obstetrical Clinic Columbia Hospital after February 1st Special Sections | 11-12 Obstetrical Clinic Columbia Hospital after February 1st Special Sections | 11-12 Surgery Lecture 12:45-1:45 Medical Clinic Emergency Hospital 1 Section | |
| 12:30-2 Surgical Clinic University Hospital Entire Class | 1-2 Surgery Lecture | 1-3 Surgical Clinic Emergency Hospital Entire Class | 12-1 Surgical Clinic University Hospital Entire Class | 1-2 Gynecological Clinic University Hospital 1 Section | 1-2 Laryngological and Ophthalmological Clinic University Dispensary 1 Section |
| 3-4 Dietetics Lecture to December 31st Protology Lecture after January 1st | 2-3 Gynecological Clinic Emergency Hospital 1 Section | 3-4 Pediatric Clinic to December 31st | 1-3 Medical Clinic University Hospital Entire Class | 2-3 Pediatrics Lecture to December 31st Roentgenology after January 1st | 1-15-1:45 Neurological Clinic Emergency Hospital 1 Section |
| 4:30-5:30 Tropical Medicine Lecture to De- cember 31st Medical Jurispru- dence after Janu- ary 1st. | 2:15-3:15 Pediatric Clinic Children's Hospital 1 Section | 3-4 Pediatrics Lecture to December 31st | 2:30-4 Pediatric Clinic Children's Hospital 1 Section | 4-5 Neurology Lecture | 2:15-3:15 Pediatric Clinic Children's Hospital 1 Section |
| | 4-5 Anesthesia Lecture to December 1st | | | | 3-5 Medical Clinic University Hospital Entire Class |

FOURTH YEAR

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--|--|--|---|---|
| 8-9 Gynecology Recitation | 8-9 Laryngology to De- cember 31st Dermatology January 1-May 1 | | | 8-9 Laryngology to De- cember 31st Dermatology Janu- ary 1st to May 1st | 8-9 Orthopedics Lecture to February 28th Ethics, two periods, after March 1st |
| 9-10 Practice of Medicine Lecture | 9-10-12 Medical Clinic Providence Hospital Half Section | 9-10 Practice of Medicine Lecture | 9-11 Neurological and Psychiatric Clinic St. Elizabeth's Hospital 1 Section | 9-10 Practice of Medicine Lecture to January 31st | 9-10-11:30 Medical Clinic Washington Asylum Hospital 1 Section Surgical Clinic Washington Asylum Hospital 1 Section |
| 10-11:12:15 Pediatric Clinic Children's Hospital 1 Section | 9-10-12 Surgical Clinic Providence Hospital Half Section | 10-11:11:45 Orthopedic Clinic Emergency Hospital 1 Section | 9-10:45 Surgical Clinic Emergency Hospital 1 Section | 10-10:30-12:30 Surgical Clinic Garfield Hospital Half Section | |
| 10-10:30-12:15 Genito-Urinary Clinic Garfield Hospital 1 Section | | 10-11:45 Gynecological Clinic Columbia Hospital or University Hospital 1 Section | 11-12 Obstetrical Clinic Columbia Hospital to January 31st Special Sections | 10-10:15-12:15 Orthopedic Clinic Children's Hospital 1 Section | |
| 11-12 Obstetrical Clinic Columbia Hospital to January 31st Special Sections | 10-10:30-11:30 Pediatric Clinic Children's Hospital Half Section | 11-12 Obstetrical Clinic Columbia Hospital to January 31st Special Sections | | 10-10:15-12:15 Pediatric Clinic Children's Hospital Half Section | |
| 12-12:30-2 Surgical Clinic University Hospital | 12-1 Medical Clinic University Hospital 1 Section | 12-1 Obstetrics Lecture | | | |

12:30-1:30

Medical Clinic
Tuberculosis Hospital
1 Section

2-4
Ophthalmological
Clinic
Episcopal Eye, Ear,
Nose and Throat
Hospital
Special Sections

1-3
Dermatological Clinic
Emergency Hospital
1 Section

1-2
Neuropathology
St. Elizabeth's
Hospital
Entire Class

1-3
Laryngological and
Ophthalmological
Clinic
University Dispensary
1 Section

1-3
Medical Clinic
University Hospital
1 Section

2-3
Medical Clinic
Garfield Hospital
1 Section

1-3
Roentgenological
Clinic
University Dispensary
1 Section

1-3
Genito-Urinary
Clinic
Emergency Hospital
1 Section

2-4
Medical Clinic
St. Elizabeth's Hos-
pital to April 1st
Entire Class

1-1-43
Dermatological Clinic
Emergency Hospital
1 Section

1-2
Laryngological Clinic
Episcopal Eye, Ear,
Nose and Throat
Hospital
1 Section

3-4
Infectious Disease
Clinic
Garfield Hospital
1 Section

2-4
Operative Surgery
Medical School
after April 1st
1 Section

2-3
Obstetrics Lecture

2-3
Surgery Lecture

3:30-4:30
Medical Clinic
Washington Asylum
Hospital
1 Section

3-4
Practice of Medicine
Recitation

4-5
Psychiatry Clinic
St. Elizabeth's Hos-
pital to December
31st
Entire Class

3-4
Ophthalmology Lec-
ture to February
15th

3-5
Medical Clinic
University Hospital
Entire Class

4-5
Surgery Lecture

4-5
Genito-Urinary
Surgery Lecture

2-4
Military Surgery Lec-
ture February 15th
to May 31st
Entire Class

4-5
Pediatric Case
Teaching

ANATOMY

| | |
|--|--------------------|
| GEORGE B. JENKINS, M. D. | Professor |
| JOHN KONSTANTIN BUTKIEWICZ, A. B., D. D. S. | Prof. of Histology |
| WILLIAM BINFORD KING, A. B. | Instructor |
| OTHMAR SOLNITZKY, Ph. D. | Instructor |

The work in general anatomy is designed to cover the entire subject in such manner as to afford the student a practical working basis for his later studies in medicine and is so correlated and taught as to emphasize the value of relations and functions as well as that of structure.

While constant surveillance is maintained over the student body by the Division, individual work is encouraged and to those men who demonstrate especial fitness, opportunities for advanced work are offered. Research is encouraged and qualified students will be aided in every way possible.

Careful drawings of selected parts are required, frequent demonstrations are given and conferences are held by members of the Division.

The following courses are offered:

(1) *Gross Anatomy.*

This includes the careful dissection and study of the entire body during the first year, excepting the central nervous system. The study of the more difficult parts such as the special sense organs and Viscera is supplemented by the use of models and prepared specimens.

Osteology and Arthrology are studied during dissection, supplemented by a short laboratory course in the study and drawing of prepared specimens.

(2) *Microscopic Anatomy and Embryology.*

This includes normal Histology and Embryology and while these courses are taught separately, they are so correlated as to show the structural units of the body developmentally, their morphology and arrangement and their relations to each other and to other structural units in the construction of the tissues and organs so that this body study may constitute a proper basis for Gross Anatomy, Physiology, Pathology, and the clinical branches.

(3) *Neuro-Anatomy* is taught in the second year and consists of study, both gross and microscopic, of the central nervous system. Abundant material is provided and models, diagrams and lantern projections are freely used.

(4) *Topographical Anatomy* is given by a study-room course in drawing and studying prepared specimens, cross-section and other materials.

(5) *Clinical and Applied Anatomy (Elective).*

A series of demonstrations with study-room facilities is given to correlate the general anatomy of selected regions with the needs of the clinician.

| SUBJECT | YEARS | HOURS | |
|--|-------|--------------------------------|------------------------------|
| | | Totals Didactic and Lab. | Didactic not to exceed |
| Gross Anatomy | I | 420 | 60 |
| Neuro and Topographical Anat- omy | II | 82 | 30 |
| Histology and Embryology | I | 288 | 60 |
| | | —790 | —180 |

PHYSIOLOGY

EARL C. FOLLETT, M. D. *Professor*
 JAMES H. DEFANDORF, M. A. *Associate Professor*

The instruction in Physiology is by lectures, recitations, demonstrations, laboratory exercises and conferences.

The courses begin in the third trimester of the first year so that the student may early in his course in medicine be introduced to the functional viewpoint. He is taught to observe accurately, and to correlate the observed facts so that he may draw conclusions regarding the various functions of the body in health and as the basis upon which his knowledge of diseases is built. It is the policy of the department to show the student the relation of physiology to the interpretation of disease and to train him so that in later years he may be able to adapt the methods of investigation learned in the laboratory to the study of morbid conditions.

COURSES 1 AND 1A FOR FIRST-YEAR STUDENTS—3D TRIMESTER

Course 1. Physiology lectures, recitations, written reviews, conferences, covering muscle, nerve, heart and circulatory system.

Course 1a. Experimental Physiology—muscle and nerve; demonstrations and experiments. Each student is required to keep records of his experiments and have the records checked before he leaves the laboratory for the day. The class is divided into groups of two for the experimental work.

COURSES 2 AND 2A FOR SECOND-YEAR STUDENTS—FIRST AND SECOND TRIMESTERS

Course 2. The functions of the nervous system and special senses, of glands, digestive system, and respiratory system are considered by lectures, recitations and laboratory demonstrations and experiments.

Course 2a. Experimental Physiology. The experiments are selected to illustrate the fundamental principles of Physiology and familiarize the student with methods employed in Experimental Physiology and Medicine. The class is divided into groups of four for this work.

| SUBJECT | YEARS | HOURS | |
|------------------|-------|--------------------------------|------------------------------|
| | | Totals Didactic and Lab. | Didactic not to exceed |
| Physiology | I | 90 | 30 |
| Physiology | II | 198 | 70 |
| | | —288 | —100 |

CHEMISTRY

RALPH EMERSON MYERS, M. A., M. D. *Professor*
 JOSEPH HYRAM ROE, M. A. *Associate Professor*

1. *Organic Chemistry.*—The work in organic chemistry consists of lectures, laboratory work and recitations. The aim of the course is to give the student a fundamental knowledge of organic chemistry, and at the same time to emphasize those chemical compounds and reactions which he will be especially concerned with in physiological chemistry and pharmacology.

2. *Physical Chemistry.*—After the work in organic chemistry is completed, the remainder of the first trimester will be spent in a study of the more important phases of physical chemistry as viewed from a medical standpoint. Such subjects as radio-activity, properties of colloids, hydrogen ion concentration and the theory of indicators are especially emphasized. At this time the student is also taught how to make up standard solutions and how to standardize his apparatus, because it impresses upon him the value of accurate technique before he begins his work in physiological chemistry.

3. *Physiological Chemistry.*—The work of this course includes the study of the different classes of foodstuffs and of their digestion, absorption and assimilation; the nature of the various tissues of the body and of the composition of the different secretions. A large amount of time is devoted to milk and blood, and especially to urine, with the idea of making the student thoroughly acquainted with the normal metabolic processes of the body.

4. *Clinical Chemistry.*—The work of this course consists of lectures, laboratory work, conferences and demonstrations. Following a review of normal metabolism, the metabolic changes produced by various diseased conditions will be studied. The student performs the various laboratory tests which are used as aids in

diagnosis. As far as possible the laboratory studies in abnormal metabolism are made on patients in the hospital.

5. *Graduate Work*.—A course in clinical chemistry will be opened to a limited number of physicians who wish to become acquainted with recent advances in laboratory methods of diagnosis. Special work will be given to those who are prepared for it.

| SUBJECT | YEARS | HOURS | |
|---------------------------|-------|--------------------------------|------------------------------|
| | | Totals Didactic and Lab. | Didactic not to exceed |
| Chemistry | I | 288 | 90 |
| *Clinical Chemistry | III | 48 | 12 |

PHARMACOLOGY

EARL C. FOLLETT, M. D. *Professor*
JAMES HOLMES DEFANDORF, M. A. *Associate Professor*

1. *Elementary Pharmacy and Principles of Prescription Writing*.—In this course the chemical and physical characteristics of the more important drugs are studied and pharmacopoeial preparations of the different pharmaceutical classes are prepared. The study of physical and chemical incompatibilities is carried on in close association with the above work.

While the elements of prescription writing are taught at this time, the student is drilled in the writing of simple prescriptions all through his course in pharmacology.

2. *Pharmacology*.—The course comprises lectures, laboratory work, conferences and written reviews, which follow the work in pharmacy. Special effort is made to correlate the work closely and to keep before the minds of the students the close association of pharmacology with physiology and chemistry. The experiments are selected to illustrate a wide range of pharmacologic actions, the more important drugs being studied in relation to their effect on different structures.

THERAPEUTICS

BUCKNER MAGILL RANDOLPH, M. D. *Professor*
ELLIOTT M. CAMPBELL, M. D. *Instructor*

(1) Systematic lectures and recitations on the physiological action of drugs and other remedial agents, their therapeutic use in disease; their modes of administration; and a review of their tox-

* See also announcement under Medicine.

icology. (2) A review of the principles of prescription writing, with practical exercises by students in writing prescriptions in the metric system. (3) Lectures in applied therapeutics, devoted to the study of the application of remedial measures to morbid physiological and pathological states, as they occur clinically.

| SUBJECT | YEARS | HOURS | |
|------------------------------------|-------|--------------------------------|------------------------------|
| | | Totals Didactic and Lab. | Didactic not to exceed |
| Pharmacology | II | 162 | 60 |
| Materia Medica and Toxicology..... | II | 30 | 12 |
| Therapeutics | III | 64 | 64 |
| | | —252 | —136 |

DIETETICS

FRANK ADELBERT HORNADAY, M. S., M. D. *Professor*

A course of lectures and conferences on the physiology of nutrition and principles of feeding in health and disease.

Each student is required to make a thorough dietetic study of one or more cases, and to plan proper dietaries in such cases. Visits are made to Government food exhibits.

BACTERIOLOGY AND PATHOLOGY

OSCAR BENWOOD HUNTER, A. B., A. M., M. D. *Professor*
NOLAN VON CHARPENTIER LEWIS, M. D.

Professor of Experimental Pathology

EUGENE R. WHITMORE, M. D. *Professor of Bacteriology*
TOMAS CAJIGAS, M. S., M. D. *Professor of Pathology*

BACTERIOLOGY

The didactic portion of the course in Bacteriology consists of a series of about thirty formal lectures in which the entire field of bacteriology, including immunology in its application to human medicine and welfare, is considered. The first few lectures are necessarily limited to the consideration of the general principles of the science after which the pathogenic microorganisms are discussed in a systematic sequence, with the theories of immunity treated of in appropriate places.

In the laboratory portion of the course which occupies about three-quarters of the total time devoted to the subject the students first prepare all the standard culture media and learn the general principles of bacteriologic technic from the study of about a dozen typical, widely different non-pathogenic organisms. Subsequently thirty-five to forty pathogenic bacteria are carefully examined

by microscopic, cultural and serologic methods. The students prepare as far as practicable such special media as are needed for this latter work. In addition to this systematic examination of characteristic organisms the students test the efficiency of the commonly employed germicides, prepare a vaccine, and in groups prepare agglutinating, hemolytic and other immune serums and use these as commonly employed in diagnosis. In connection with the preparation of culture media the principles of sterilization are covered. In the microscopic examination of bacteria the students are trained in the use of the high powers of the microscope, in the use of dark ground illumination, and are taught to make microscopic measurements.

During the course where occasion arises in connection with special cases of interest in the University Hospital or elsewhere unusual infections or rarely occurring processes of diagnosis, etc., are demonstrated. The routine bacteriologic and serologic work of the Hospital is done in the same laboratory where the students are working so that they have ample opportunity to observe the practical application of bacteriology.

PATHOLOGY

In Pathology, the division of the course into laboratory and lecture teaching is followed, the amount of time devoted to each being about twice the corresponding time in Bacteriology. General pathology, covering inflammation, repair, degenerations, the effects of plant (including bacteria) and animal parasites on the body, the effect of chemical and physical agents, the formation of new growth, etc., is first considered. This is followed by the special pathology of the organs and of the specific diseases.

The laboratory work consists primarily in the histologic study of diseased tissues and neoplasms. About two hundred sections are stained and mounted and loaned to each student. These sections are carefully examined and studied by the student who makes colored pencil drawings of the characteristic lesions shown by them.

The microscopic study is supplemented by that of post-mortem material and that from the operating room and by specimens in the museum, thus affording a knowledge of gross morbid anatomy.

At St. Elizabeth's Hospital, under Dr. Lewis, students have an excellent opportunity for training in gross pathology and in the details of post-mortem technic from the autopsy through the preparation, sectioning, and staining of the tissues to be studied, to their final diagnosis and report.

CLINICAL MICROSCOPY

In the course in Clinical Microscopy the student is trained in the counting of the red and the white blood cells, in the various methods of hemoglobin estimation, in differential leucocyte counting, in the study of malarial parasites, and such other parasites of the blood as opportunity affords, in the estimation of the coagulation time of the blood, etc., in the microscopic study of the sediments in normal and pathologic urines, in the microscopic examination of stomach contents, of the feces, including a detailed study of animal parasites and their eggs, in the microscopic examination of sputum, of spinal fluids, pleural exudates, etc., as material and opportunities afford. The significance and value of these findings as applied to pathology and diagnosis are considered.

| SUBJECT | YEARS | HOURS | |
|-----------------------------------|-------|--------------------------------|------------------------------|
| | | Totals Didactic and Lab. | Didactic not to exceed |
| Bacteriology | II | 144 | 30 |
| Pathology | II | 320 | 60 |
| Preventive Medicine and Hygiene.. | | 84 | 32 |
| | | —548 | —122 |
| Clinical Microscopy | | 48 | 16 |

MEDICINE

| | |
|---|--------------------------------------|
| STERLING RUFFIN, M. D. | Professor |
| THOMAS ASH CLAYTOR, M. D. | Clinical Professor |
| EDWARD URBANE REED, M. D. | Professor of Tropical Medicine |
| T. LAWN THOMPSON, M. D. | Clinical Professor |
| HARRY S. BERNTON, M. D. | Professor of Medical Jurisprudence |
| FRANK LEECH, M. D. | Clinical Professor |
| FRANK ADELBERT HORNADAY, S. B., M. D. | |
| | Professor of Dietetics and Associate |
| THOMAS S. LEE, M. D. | Clinical Professor |
| COURSEN BAXTER CONKLIN, S. B., M. D. | Associate |
| WILLIAM JOHNSTON MALLORY, M. D. | Associate |
| THOMAS LINVILLE, M. D. | Clinical Associate |
| EVERETT MUNROE ELLISON, A. M., M. D. | Clinical Associate |
| GEORGE N. ACKER, 2nd, M. D. | Associate |
| WATSON W. ELDRIDGE, M. D. | Associate |
| ROBERT SAMUEL TRIMBLE, M. D. | Clinical Instructor |
| WILLIAM HOUSTON LITTLEPAGE, M. D. | Clinical Instructor |
| WILLIA DAVID TEWSBURY, M. D. | Clinical Instructor |
| CARROL E. BINGHAM M. D. | Instructor |

| | |
|-------------------------------------|----------------------------|
| ROBERT S. BEALE, M. D..... | <i>Clinical Instructor</i> |
| RUSSELL K. HOLLINGSWORTH, M. D..... | <i>Clinical Instructor</i> |
| F. AUGUSTUS REUTER, M. D..... | <i>Clinical Instructor</i> |
| MAURICE A. SELINGER, M. D..... | <i>Clinical Instructor</i> |
| JAMES H. HAWFIELD, M. D..... | <i>Clinical Instructor</i> |
| WILLIAM B. SIMS, M. D..... | <i>Clinical Instructor</i> |
| JAMES MINOR, M. D..... | <i>Clinical Instructor</i> |

Instruction in Medicine is so given as to conform to the most modern requirements. The work begins in the second year with a complete course in history-taking and normal physical diagnosis, and is continued through the third and fourth years. During the later two years the course consists of lectures, recitations, a study of case histories, clinical conferences, and practical work in the clinical laboratory and at the bedside.

The third-year class is divided into small sections, which are required to attend the daily dispensary service in the University Hospital, where they are drilled especially in history-taking and in the technique of practical physical diagnosis.

The fourth-year class is similarly divided into small sections, and these are required to attend ward clinics in the University Hospital, the Garfield Memorial Hospital, Children's Hospital, St. Elizabeth's Hospital, and the Tuberculosis Hospital of the District of Columbia.

The system of ward clinics to small groups of students affords a most effective method of studying disease and gives to every student an opportunity of following a large assortment of diseases from their commencement to the termination of their illness; in no other way is it possible to get a more practical knowledge of the methods of studying disease or a more intimate knowledge of disease itself.

Every patient in the medical wards of the University Hospital is assigned to one, or at most two, senior students, who are required (under proper supervision) to take the history, to make and record a complete physical examination, to determine after due study the nature of the illness (diagnosis), to outline a plan of treatment, and to make daily notes of the progress of the case.

A weekly amphitheatre clinic is given to third-year students in a body and a similar clinic to the fourth-year class. A series of clinics in neurology and psychiatry is provided for the senior class at the Saint Elizabeth's Hospital, where there is a great wealth of material (see announcement of psychiatry and Clinical Neurology).

| SUBJECT | YEARS | Totals Didactic and Lab. | HOURS |
|-------------------------------|-------------|--------------------------------|------------------------------|
| | | | Didactic not to exceed |
| Medicine | II, III, IV | | |
| General Medicine | | 510 | 152 |
| *Clinical Microscopy | | 48 | 12 |
| †Clinical Chemistry | | 48 | 12 |
| Physical Diagnosis | | 80 | 40 |
| Tropical Diseases | | 12 | 12 |
| Dermatology and Syphilis..... | | 93 | 30 |
| Nervous and Mental Diseases.. | | 186 | 62 |
| Pediatrics | | 165 | 62 |
| Medical Jurisprudence | | 23 | 23 |
| | | —1165 | —405 |

TROPICAL MEDICINE

EDWARD URBANE REED, M. D.,

Commander, Medical Corps, U. S. N., Professor

The course in tropical diseases is similar to that given in the Army and Navy Medical Schools, and consists of didactic lectures, quizzes, and laboratory instruction, with particular reference to the parasitic, protozoal diseases common in the tropics and in the southern part of the United States.

PSYCHIATRY AND CLINICAL NEUROLOGY

WILLIAM ALANSON WHITE, M. D., Superintendent of

Saint Elizabeth's Hospital *Professor*JOSEPH D. STOUT, Ph. D. *Associate Professor*ROSCOE W. HALL, Ph. B., M. D. *Clinical Associate*DANIEL C. MAIN, M. D. *Clinical Associate*MARY O'MALLEY, M. D. *Instructor*

A series of lectures and clinics upon psychosis and neurology in various forms are given at Saint Elizabeth's Hospital which, with its more than three thousand beds, affords one of the largest clinics in this country.

PEDIATRICS

GEORGE NICHOLAS ACKER, A. M., M. D. *Professor*HARRY HAMPTON DONNALLY, M. D. *Clinical Professor*EDGAR PASQUAL COPELAND, M. D. *Clinical Professor*CHARLES WHEATLEY, M. D. *Clinical Associate*

* See also announcement under Bacteriology and Petrology.

† See also announcement under Chemistry.

Didactic and clinical lectures, bedside and dispensary clinics are given upon diseases of infants and children and the importance of the proper management of these diseases by diet and hygiene.

The children's clinic, at the Children's Hospital, affords ample material for practical teaching in this branch.

PHYSICAL DIAGNOSIS

GEORGE N. ACKER, 2nd, M. D. Associate

FRANK ADELBERT HORNADAY, S. B., M. D. Associate

Instruction is given in the principles and methods of physical examination by means of recitations, section work or normal subjects, and with clinical cases which typically represent diseased conditions.

HYGIENE

EUGENE G. NORTINGTON, M. D. Professor

The course in Hygiene covers the basic principles and their practical application. Consideration is given also to domestic and municipal sanitation and to the principles underlying legislative control of public health.

| SUBJECT | YEARS | HOURS | |
|--------------|-------|---------------------------------------|------------------------------|
| | | Totals Didactic and Clinical | Didactic not to exceed |
| Hygiene..... | II | 32 | 32 |

DERMATOLOGY

RANDOLPH BRYAN CARMICHAEL, M. D. Professor

The lectures in this course will be principally clinical, supplemented by didactic lectures, illustrated by diagrams, models, and photographic illustrations of disease from life.

MEDICAL JURISPRUDENCE

HARRY S. BERNTON, M. D. Professor

This course is designed to familiarize students with the rights and obligations of physicians, both legal and ethical, and to qualify them to apply the facts of medical science to the solution of problems in law.

SURGERY

WILLIAM CLINE BORDEN, M. D. Professor

LUTHER HALSEY REICHELDERFER, M. D. Clinical Professor

THOMAS CHARLES MARTIN, M. D. Professor of Proctology

HARRY HYLAND KERR, M. D. Clinical Professor

| | |
|--|---------------------------------|
| JAMES F. MITCHELL, A. B., M. D. | <i>Clinical Professor</i> |
| CHARLES STANLEY WHITE, M. D. | <i>Associate Professor</i> |
| DANIEL LERAY BORDEN, A. M., M. D. | <i>Associate Professor</i> |
| HENRY W. KEARNEY, M. D. | <i>Professor of Anaesthesia</i> |
| CHARLES W. HYDE, M. D. | <i>Associate in Anaesthesia</i> |
| CLINE N. CHIPMAN, M. D. | <i>Associate in Anaesthesia</i> |
| EDWARD M. PARKER, M. D. | <i>Clinical Associate</i> |
| EDWARD J. HORGAN, M. D. | <i>Associate</i> |
| JOHN POTTS FILLEBROWN, M. D. | <i>Clinical Instructor</i> |
| HARRY SAMUEL LEWIS, M. D. | <i>Clinical Instructor</i> |
| WILLIAM BERRY MARBURY, M. D. | <i>Instructor</i> |
| GEORGE H. MORRIS, M. D. | <i>Clinical Instructor</i> |
| HERBERT H. SCHOENFELD, M. D. | <i>Clinical Instructor</i> |
| AUGUSTUS C. GRAY, M. D. | <i>Instructor</i> |
| PAUL S. PUTZKI, M. D. | <i>Instructor</i> |
| JAMES A. CAHILL, M. D. | <i>Clinical Instructor</i> |
| JACOB KOTZ, M. D. | <i>Clinical Instructor</i> |
| NATHAN SMILER, M. D. | <i>Clinical Instructor</i> |
| LYLE M. MASON, M. D. | <i>Clinical Instructor</i> |

The principles of surgery are presented in a systematic course of lectures, so that the student may obtain a comprehensive and adequate concept of the science and art of surgery. The special divisions of surgery are taught by associates and instructors who have made specialties of these branches. The clinical material in the University Hospital and Dispensary, being under the control of the Faculty, is directly used throughout the course to illustrate the subjects taught and to familiarize the students with actual clinical conditions.

Surgical technique is taught by instruction in the preparation of materials used in antiseptic and aseptic surgery, the preparation of the patient, and the sterilization of instruments. Practical instruction is given in the Hospital and Dispensary in the application of splints, bandages, and dressings used in the various surgical diseases and injuries. Thorough instruction and practical demonstrations are given in the administration of anaesthetics.

Clinical teaching is carried on in the University Hospital and Dispensary, and in other hospitals of the city to which members of the Faculty are attached.

Ward clinics and bedside instruction are made a prominent part of the course. The classes are divided into sections, which are regularly assigned to clinical work in the University Hospital and Dispensary, and in other hospitals and dispensaries. Senior students are assigned in rotation to individual cases in the wards of the University Hospital.

Amphitheatre clinics are given, in which the general practice of surgical diagnosis and operative technique and therapeutic procedure are shown.

Practical work is required of each student in the preparation of dressings and sterilization of instruments. Each student is required to give, under instruction, at least six anaesthesias and to assist in at least six operations.

Thorough courses are given in operative surgery and proctology.

| SUBJECT | YEARS | HOURS | |
|--|-------------|--------------------------------|------------------------------|
| | | Totals Didactic and Lab. | Didactic not to exceed |
| Surgery | II, III, IV | | |
| General Surgery, including Minor Surgery, Military Surgery, Fractures and Anaesthesia..... | | 484 | 148 |
| Roentgenology | | 36 | 14 |
| Ophthalmology | | 60 | 18 |
| Laryngology and Otology | | 56 | 28 |
| Genito-Urinary Surgery | | 52 | 28 |
| Orthopedics | | 57 | 24 |
| | | —745 | —260 |

ORTHOPEDICS

| | |
|-----------------------------------|---------------------------|
| CUSTIS LEE HALL, M. D. | <i>Professor</i> |
| AURELIUS RIVES SHANDS, M. D. | <i>Clinical Professor</i> |
| THOMAS MADDEN FOLEY, M. D. | <i>Clinical Professor</i> |

A course of lectures and recitations on the etiology, pathology, course, termination and treatment of congenital and acquired diseases of the bones and joints, with clinical instruction in the operations for the relief and correction of deformities, and the use of special apparatus and plaster of Paris.

RADIOGRAPHY

| | |
|--------------------------------|----------------------------|
| ARTHUR C. CHRISTIE, M. D. | <i>Professor</i> |
| THOMAS A. GROOVER, M. D. | <i>Associate Professor</i> |
| EDWIN A. MERRITT, M. D. | <i>Associate</i> |

A fully equipped X-ray laboratory is maintained in the University Hospital and Dispensary. Students of the third and fourth year classes are assigned in sections for instructions in the use of apparatus and the application of radiographs and fluoroscopic examinations to diagnosis.

GENITO-URINARY DISEASES

| | |
|------------------------------------|----------------------------|
| FRANCIS RANDALL HAGNER, M. D. | <i>Professor</i> |
| ADAM KEMBLE, M. D. | <i>Associate</i> |
| HOMER GIFFORD FULLER, M. D. | <i>Clinical Instructor</i> |
| WILLIAM G. YOUNG, M. D. | <i>Clinical Instructor</i> |
| CHARLES O. KNOTT, M. D. | <i>Clinical Instructor</i> |

A thorough course of instruction in genito-urinary diseases is given by lectures, recitations, section clinics, and bedside teaching.

MILITARY SURGERY

| | |
|--|------------------|
| — — — — —, M. D., Colonel, Med. Corps, U. S. A. | <i>Professor</i> |
|--|------------------|

The treatment of gunshot wounds with special reference to civil and military practice is given in a course of lectures and demonstrations, fully illustrated by lantern slides, X-ray photographs, and actual specimens.

The use of the new armaments in recent wars and the characteristic features of the wounds caused by them, as well as the treatment of gunshot wounds in peace and war are dealt with.

OPHTHALMOLOGY

| | |
|--|----------------------------|
| WILLIAM THORNWALL DAVIS, M. D. | <i>Professor</i> |
| DANIEL KERFOOT SHUTE, A. B., M. D. | <i>Clinical Professor</i> |
| EDWARD GRANT SEIBERT, M. D. | <i>Clinical Instructor</i> |
| EARL GRIFFITH BREEDING, A. B., M. S., M. D. | <i>Clinical Instructor</i> |

A course of lectures is given on the elementary principles of this subject, together with special instruction in the anatomy and physiological action of the more intricate parts of the eye. It is not intended to qualify the student as a specialist, but to give him a knowledge of what every general practitioner ought to know. The course is supplemented by clinical instruction in the University Dispensary and in the Episcopal Eye, Ear and Throat Hospital.

LARYNGOLOGY AND OTOTOLOGY

| | |
|---|----------------------------|
| CHARLES WILLIAMSON RICHARDSON, M. D., Sc. D. | <i>Professor</i> |
| OSCAR ADDISON MACK MCKIMMIE, M. D. | <i>Clinical Professor</i> |
| EDWARD GRANT SEIBERT, M. D. | <i>Instructor</i> |
| ALBERT PERKINS TIBBETS, A. B., M. D. | <i>Clinical Instructor</i> |
| SAMUEL HARRISON GREENE, M. D. | <i>Clinical Instructor</i> |
| SAMUEL BOYCE POLE, M. D. | <i>Clinical Instructor</i> |
| EARL G. BREEDING, M. D. | <i>Clinical Instructor</i> |
| FREDERICK C. SCHREIBER, M. D. | <i>Clinical Instructor</i> |
| BOYCE R. BOLTON, M. D. | <i>Clinical Instructor</i> |

The course comprises lectures and clinical instruction on diseases of the nasal passages, pharynx, larynx, and the ear. Practical demonstrations are given in the use of the laryngoscope and other instruments required in these special branches.

OBSTETRICS

| | |
|--|--------------------|
| HURON WILLIS LAWSON, S. M., M. D. | Professor |
| WILLIAM SINCLAIR BOWEN, M. D. | Clinical Professor |
| CYRUS W. CULVER, M. D. | Associate |
| HOWARD FRANCIS KANE, A. B., M. D. | Associate |

The course in obstetrics comprises lectures, recitations, laboratory demonstrations and clinical instruction and extends over the third and fourth years. The lectures serve to outline the subject-matter and the recitations insure careful preparation on the part of the student. Special laboratory studies dealing with anatomy, embryology and pathology in relation to obstetrics are conducted in the different laboratories concerned. Models, manikins and cadavers are utilized in teaching the mechanism of labor and obstetrical operations. Clinical instruction is given to the classes in small sections at different hospitals and in the out-patient obstetrical service. Beginning about the middle of the third year each student is given practical instruction in making antepartum examinations and observes the management of labor cases. During the fourth year he conducts, under the supervision of a paid instructor, twelve labor cases in the large and well-organized out-patient maternity service and submits written reports upon the cases attended.

| SUBJECT | YEARS | HOURS | |
|------------------|------------|-----------------------------|------------------------|
| | | Total Didactic and Clinical | Didactic not to exceed |
| Obstetrics | III and IV | 192† | 64 |

GYNECOLOGY

| | |
|---------------------------------------|---------------------|
| JOHN WESLEY BOVEE, M. D. | Professor |
| ALBERT LIVINGSTON STAVELY, M. D. | Clinical Professor |
| GIDEON BROWN MILLER, M. D. | Clinical Professor |
| ELIJAH WHITE TITUS, M. D. | Associate |
| VIRGIL B. JACKSON, M. D. | Clinical Instructor |

Gynecology as taught in the third year comprises a course of lectures, text-book recitations and clinical instruction. In the

† The total number of clinic hours cannot be given, as each student is required to attend twelve cases, exclusive of the demonstration work and Ward and Dispensary Clinics above enumerated.

fourth year individual students are assigned to cases in the wards of the University Hospital, and the class is taken in sections of one or two students each into the Gynecological Dispensaries for clinical instruction in examinations, diagnosis, and treatment. In larger sections the class attends amphitheater and ward clinics given by the Professor of Gynecology and his assistants.

| SUBJECT | YEARS | HOURS | |
|------------------|------------|-----------------------------|------------------------|
| | | Total Didactic and Clinical | Didactic not to exceed |
| Gynecology | III and IV | 120 | 45 |

ETHICS

The subject of ethics as given in the order of instruction will comprise didactic lectures on personal ethics in the first year and on medical ethics in the fourth year. Instruction will be given concerning personal hygiene, care of laboratory equipment, general conduct and adaptability for the profession.

CLINICAL FACILITIES

The following hospitals are open to the students of this school for clinical study, and are extensively used for that purpose:

University Hospital and the University Dispensary

The Hospital and Dispensary are part of the educational equipment of the University. They are integral parts of the Medical School, are entirely controlled by the Faculty of Medicine, and are used primarily in instructing the students in clinical work. The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually.

The staff is composed of members of the Faculty of Medicine.

Garfield Memorial Hospital

Clinical instruction in medicine, including contagious diseases, surgery, gynecology and obstetrics.

Children's Hospital

Clinical instruction in pediatrics and general and orthopedic surgery.

Providence Hospital

Clinical instruction in medicine and surgery.

Emergency Hospital and Central Dispensary

Clinical instruction in medicine, surgery, particularly in emergency surgery, fractures and dislocations, dermatology and orthopedics.

Columbian Hospital for Women

Clinical instruction in obstetrics and gynecology.

St. Elizabeth's Hospital

This hospital is maintained by the United States Government. It has 4,000 beds.

Clinical instruction in mental and nervous diseases, medicine, Surgery and in post-mortem work and gross pathology.

The psychiatric clinic is one of the largest in the country.

The Episcopal Eye, Ear, Nose, and Throat Hospital

Clinical instruction in ophthalmology, otology, laryngology and rhinology.

Casualty Hospital

Instruction in emergency surgery and orthopedics.

Tuberculosis Hospital

Clinical instruction in tuberculosis, in all its phases, both medical and surgical.

Washington Asylum Hospital

Clinical instruction in medicine, particularly in chronic conditions.

CLASSIFICATION AND ADVANCEMENT OF STUDENTS

Students are divided into four classes, according to their proficiency and the time spent, viz: first year, second year, third year and fourth year.

Proficiency in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

Examinations are held at the end of the course in each subject. Students who fail to appear at a regular examination will not be examined until the next regular examination except by special permission of the Advisory Committee of the Faculty. For special examinations, a fee of ten dollars will be charged for each subject.

A student who has failed in any subject shall not be advanced unless his case is especially meritorious and then only by authority of the Advisory Committee of the Faculty. A student who has failed in a subject may, in the discretion of the Advisory Com-

mittee, be required to make it up in the September examinations.

A student who fails of graduation, may if approved by the Advisory Committee, be re-examined for graduation in the September examinations.

A student allowed to take the September examinations either for graduation or advancement, will be required to take examinations in such subjects as the Advisory Committee may direct. For these examinations a fee of five dollars will be charged for each subject taken.

A student allowed to repeat a year will be required to take such subjects and such examinations as may be directed by the Advisory Committee.

A student who fails of advancement after repeating any one of the first three years or fails of graduation after repeating the final year will not be permitted to maintain his connection with the school.

REQUIREMENTS FOR GRADUATION

Every candidate for the degree of Doctor of Medicine must be at least twenty-one years of age and of reputable character. He must have complied with the admission and other requirements herein set forth. He must have attended at least 80 per cent of all required instruction during four sessions of 32 weeks each in four separate years; must have satisfactorily completed all his courses and passed all his examinations. He must be present at the time specified for the final examinations, and also at Commencement. The degree is not conferred in the absence of a candidate except by special consent of the President's Council. Graduates of other accredited colleges who desire degrees must spend one year in residence at this school.

Candidates who in their work and examinations attain general averages of 90 or more will be presented to the Faculty for consideration with reference to being designated as having graduated with distinction. If in the opinion of the Faculty such candidates have shown themselves to be possessed of more than ordinary merit, they will have inscribed upon their diplomas beneath their degree the words "with distinction."

PRIZES

A prize from the Ordranax Prize Endowment will be awarded to the student of the third, and the student of the fourth-year class who has the highest scholastic standing.

HOSPITAL APPOINTMENTS

Interns are annually appointed in the University Hospital. Appointments to similar positions are open to graduates and undergraduates of this school in the following other hospitals of the city: Garfield Memorial Hospital; Emergency Hospital; Columbian Hospital for Women; Casualty Hospital; Providence Hospital; Washington Asylum Hospital; Children's Hospital; Episcopal Eye, Ear and Throat Hospital; Sibley Hospital, and Walter Reed U. S. Army General Hospital.

UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905 by a group of alumni. Its purpose is to cultivate closer friendly relations between the alumni and members of the faculty by means of social gatherings, to advance medical science by the presentation of essays, case reports and specimens for instruction and discussion, at its meetings, and to further the interest of the university in general. All alumni and members of the faculty are eligible for membership on election.

Officers: Dr. E. G. SEIBERT, *President*; Dr. C. N. CHIPMAN, *Vice-President*; Dr. J. T. MANN, *Secretary-Treasurer*.

Meets at the Medical School building on the third Saturday of each month from October to May.

Senior students are invited to attend the meetings of this society so allowing them the valuable opportunity of hearing the papers presented on medical subjects and becoming familiar with the conduct of medical societies.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The central building of this Association is situated within a short distance of the Medical School.

On application through the Dean, students non-resident of the District may become members, with full privileges, including gymnasium, shower baths, swimming pools, lockers, etc., at a special rate of ten dollars for the period of the school session.

Further information regarding the Association may be obtained by application to the Secretary, 1736 G St., N. W.

MEDICAL CORPS UNIT—RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY

A Medical Corps Unit (R. O. T. C.) is established in this school by authority of the Secretary of War and an Officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the students in the unit.

Membership in the unit is voluntary, is open to any physically fit, male student and such membership offers material advantages.

Any student who remains in the unit for the four years of his medical course receives in the last two years pay to the amount of \$409, or an average of \$17 per month. There are no military drills, the members of the unit are not under military restraint, no uniform is worn in the school and there is no obligation as to military service after graduation.

The instruction in the unit is divided into two courses of two years each, and consists of one hour per week of instruction in medico-military matters, additional to the regular hours of medical teaching.

Students who satisfactorily complete the first two years may, if they elect, enter the advanced course of two years during which they receive pay, are obligated to complete the course and to attend one summer camp of instruction for six weeks to which the student will receive travel pay of five cents per mile and return to his home and during which he will have all camp requirements provided, including uniform only worn in camp, other necessary articles, medical attention if necessary, and pay at the rate of \$30 per month—really giving a most enjoyable outing with pay.

While students are not in any way obligated to enter the unit, it is suggested that for the small obligation and time given, the instruction and pay received is well worthy of consideration.

MEDICAL SCHOOL FEES

| | |
|---|---------|
| Registration, payable on entrance..... | \$ 5.00 |
| Registration, each subsequent year..... | 2.00 |
| Tuition each year..... | 216.00 |
| Material, first, second and third year, each..... | 10.00 |
| Breakage deposit, unused part returnable..... | 10.00 |
| Graduation fee | 10.00 |

There is no charge for use of microscopes but students will be required to pay for injury to microscopes, apparatus and other college property. All breakage and loss not directly traceable to an individual student is assessed pro rata, and any unforfeited balance of the breakage deposit will be returned at the expiration of the course.

Persons not candidates for the degree of Doctor of Medicine who take courses in Histology, Embryology, Bacteriology, Pathology or Clinical Microscopy will be charged a fee of \$6.00 for the use of the microscope in each of these courses. Should such a student take more than one of the courses mentioned, in any one

school year, he will be charged a single fee of \$6.00 for microscope rental.

Students who elect to take the regular four-year course in five years will be required to pay the full tuition for the first four years and will receive the fifth year without additional charge.

Persons are allowed to register as auditors for the tuition fees without being required to take active part in the exercises or to pass examinations but no credit will be allowed for such attendance.

No registration will be accepted for less than a full year, and no change in the courses undertaken at the time of registration will be made unless approved by the Dean. Registration in the Medical School is for a period not to exceed one year at a time and acceptance by the School of a student's registration fee does not in any way obligate the School to accept that student for any subsequent year, and the right is reserved to drop any student from the School whenever in the interest of the student or the School the Advisory Committee of the Faculty deems it advisable to do so.

Registration, other fees and deposits are due in full in advance. Tuition may be paid in eight monthly instalments in advance. Students who are unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond of \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year. All fees are payable at the office of the Dean.

WITHDRAWALS

Withdrawals will be granted only on recommendation of the Dean and the approval of the President.

A certificate of work actually done will be given to any student granted a withdrawal or a transfer to another school during the session. A written request for withdrawal or transfer must be filed with the Dean and no permission to withdraw or transfer, and no certificate of work done will be given a student unless all fees and dues chargeable against him up to the end of the month in which he withdraws have been paid.

BOARD AND ROOMS

A register of boarding houses is kept by the Treasurer. Accommodations cost from \$30 to \$50 a month.

Applicants are urged to secure from the schools and colleges attended, completely compiled, premedical credentials and forward

them for evaluation as long a time as possible before the opening of the Medical School in September.

While no standard form of statement is required, blank forms for enumerating credentials will be supplied if requested.

For catalogues, application blanks, and further information,
address

THE DEAN,

Medical School,

The George Washington University,

1335 H Street N. W., Washington, D. C.

THE GEORGE WASHINGTON UNIVERSITY SCHOOL FOR NURSES

ADMINISTRATIVE AND TEACHING PERSONNEL

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.,

President of the University

WILLIAM CLINE BORDEN, M. D.,

*Dean, Department of Medicine of the University and
Chairman of the Executive Committee of the Hospital*

JOHN WESLEY BOVEE, M. D. *Gynecology*

CHARLES WILLIAMSON RICHARDSON, M. D. } *Ear, Nose and Throat*

OSCAR ADDISON MACK MCKIMMIE, M. D. }

HENRY KNOX CRAIG, M. D. *Materia Medica*

RANDOLPH BRYAN CARMICHAEL, M. D. *Dermatology*

CYRUS W. CULVER, M. D. *Anatomy*

OSCAR BENWOOD HUNTER, S. M., M. D. *Bacteriology*

HARRY KNOX CRAIG, M. D. *Physiology*

EDGAR PASQUAL COPELAND, M. D. *Pediatrics*

RUSSELL K. HOLLINGSWORTH, M. D. *Surgery*

HURON W. LAWSON, M. D. *Obstetrics*

THOMAS LINVILLE, M. D. *Medicine*

C. B. CONKLIN, M. D. *Contagious Diseases*

TRUMAN ABBE, A. B., M. D. *Bandaging*

FRANK A. HORNADAY, M. D. *Public Sanitation*

CUSTIS L. HALL, M. D. *Orthopoeedics*

WILLIAM T. DAVIS, M. D. *Eye*

HENRY W. KEARNEY, M. D. *Anaesthesia*

B. B. THOMPSON, R. N.,

Superintendent of Nurses and Principal of School for Nurses

LUCY LAMON, R. N. *Asst. Superintendent of Nurses*

ELFRIDA LUNDIN, R. N. *Supervisor of Obstetrical Department*

MYRTLE INCH, R. N. *Supervisor of Operating Room*

MILDRED K. BEALL *Night Supervisor*

EDITH ALLEN *Instructor in Dietetics*

THELMA MELTON, R. N. *Instructor*

KATE EDMUNDS *Housekeeper*

CAROLYNE MCKIM CHAPMAN, R. N. *Instructor in Massage*

MRS. O. F. HUMPHRIES *Matron, Nurses' Home*

PAUL SYLVESTER, Reg. Phar. *Pharmacy*

JOHN BRUCE COPPING *Superintendent*

HOSPITAL

The George Washington University Hospital is a general hospital located in the central part of the city, and connected with it is a Dispensary having a large out-patient service, so that the Institution affords a thorough and practical experience in medical, surgical, gynecological, obstetrical and emergency nursing and the administration work incident to a hospital.

The Staff of the George Washington University Hospital are all members of the Faculty of Medicine of the University Medical School, and the nurses receive the benefit arising from instruction and nursing cases under these trained instructors.

ADVANTAGES

Nurses in training in this Institution have the unusual advantages incident to University association, are carried as students in the University and as such participate in the commencement exercises. The class-rooms and laboratory equipment of the University Medical School, which adjoins the hospital, are used by the student nurses for class work.

The city of Washington being the Capital of the United States is especially attractive as a place of residence during the educational period of a young woman's life. There are more schools for young women in the city than in any other of its size in this country.

The cosmopolitan character of the city of Washington, its climate (not excessively cold in winter), its beauty, and its interests, which, as it is the seat of the General Government, are broad and national, make it an ideal place in which to pass three years of study.

NURSES' HOME

The Nurses' Home with a resident matron is located at 1016 13th Street N. W., a short distance from the Hospital, and furnishes the nurses excellent and adequate accommodations.

BOARD OF LADY MANAGERS

Since the establishing of the Hospital and School for Nurses, both these Institutions have been very materially assisted by a most efficient Board of Lady Managers. This Board has worked most energetically in the interest of both the Hospital and School, and by personal endeavor and financial assistance has done much to improve these Institutions.

REQUIREMENTS FOR ADMISSION

Candidates must apply personally or by letter to the Superintendent of Nurses upon blank forms provided therefor. Applicants must not be less than 18 nor over 30 years of age. They must be in good physical condition and present satisfactory evidence of their preliminary educational qualifications. Graduation from a grammar school two years' work in a high school or academy or its equivalent are necessary. Approved applicants will be taken for a probationary period of four months as vacancies may occur. Such probationers as are deemed acceptable candidates for the nursing profession, at the expiration of their probationary period, upon subscribing to the requirements of the school, will be accepted as pupil nurses.

COURSE OF INSTRUCTION

The course of training (including the probationary period) covers three years and comprises theoretical and practical instruction.

Theoretical instruction is given by the members of the Faculty of Medicine of the University Medical School, and by the Principal of the School for Nurses and a graduate nurse Instructress. Practical instruction is given by demonstrations and clinics in the wards, conducted by the instructresses of the School for Nurses. By affiliation, pupils are given instruction in eye, ear, nose and throat work at the Episcopal Hospital, and Children's diseases, at The Children's Hospital, both in this city.

ORDER OF THEORETICAL INSTRUCTION FOR STUDENT NURSES

Preliminary Course (Four Months)

| | |
|--------------------------|---------------------------|
| Anatomy and Physiology | Ethics |
| Bacteriology and Hygiene | Charting |
| Materia Medica | Demonstrations of Nursing |
| Practical Nursing | Procedures |
| Household Economy | |

Junior Year

| | | |
|------------------------|----------------------|-----------------|
| Anatomy and Physiology | Chemistry | Medical Nursing |
| Hygiene | Dosage and Solutions | Bandaging |
| Bacteriology | Materia Medica | Nursing Technic |
| | Surgical Diseases | Nursing Ethics |

Intermediate Year

| | |
|--------------------------|-----------------------------|
| Anatomy and Physiology | Communicable Diseases |
| Materia Medica | Nursing Ethics |
| Dosage and Solutions | History of Nursing |
| Gynecology | Demonstrations in Operating |
| Pathology and Urinalysis | Room Technic |
| Massage | Obstetrics |

Senior Year

| | |
|-----------------------------|---------------------------------|
| Obstetrics | Special Senses |
| Pediatrics | Skin and Venereal Diseases |
| Orthopedics | Diet and Disease |
| Nervous and Mental Diseases | Special Vocational Lectures |
| Psychology | Training School, Administration |

Dietetics for the sick, including (a) twelve lessons in cooking with a competent diet teacher; (b) food values, and feeding in special cases, to be taught in classes and not in lectures.

A thorough course of theoretical instruction in contagious nursing where practical experience is impossible.

REGULATIONS

I. Probationers, when admitted to the school, will require the following outfit: *Uniform*. 3 uniform dresses, 12 uniform aprons, 1 dozen pairs uniform cuffs, 1 dozen uniform collars, 2 striped underskirts, 2 laundry bags, 1 watch with second hand, 4 sets plain underclothing, 1 pair rubbers, 2 pairs of black shoes with rubber heels, 1 kimono.

II. When probationers are accepted into the school as student nurses, an equipment of scissors, hypodermic syringe, thermometer and necessary text books will be given them and charged to their account.

III. To insure uniformity and economy the uniform must be secured through the Superintendent of Nurses, and no nurse will be allowed to go on duty until her outfit has been inspected and found to comply with the requirements of the school.

IV. All articles of clothing must be plainly made and marked with name in full.

V. Jewelry is not allowed to be worn on duty, and if of any value is better left at home. If brought, it will be at the risk of the owner. Watches are to be worn on black ribbon around neck, under bib.

If she is not able to pay for her uniform, it will be furnished her by the hospital and one-half her monthly pay will be retained until the cost of the articles furnished is defrayed. All articles furnished by the hospital will belong to the hospital until paid for.

VI. Two hours are allowed week days for rest, study and recreation, also one-half day after 1 p. m. each week (except week in which the entire day is given) one-half day on Sunday, and one entire day each month.

VII. A vacation of two weeks is allowed each year.

VIII. A pupil nurse may be dismissed at any time if there is sufficient cause for such action, but no dismissal shall be made without the approval of the President of the University.

REMUNERATION

Their education is regarded as compensation for the nurses' services; however, each nurse receives professional instruction, home, board, laundry and medical care, besides a salary of \$12 per month (including the probation period) and an additional \$108 (\$3.00 per month) paid at the expiration of the three years' course.

DIRECTORY FOR NURSES

A general directory for Graduate Nurses was established in connection with the School for Nurses and Hospital during the first year in which the School was in operation. The object of this directory is to afford a means to physicians and patients of securing with the least loss of time the services of nurses who have graduated from our School for Nurses. The directory is under the supervision of the Executive Committee of the Faculty of Medicine and under the direct charge of the Superintendent of Nurses.

GEORGE WASHINGTON UNIVERSITY SCHOOL OF PHARMACY

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.,
President of the University
HENRY E. KALUSOWSKI, M.D., Phar.D.,
Dean of the School of Pharmacy, Professor of Pharmacy

OFFICERS OF THE NATIONAL COLLEGE OF PHARMACY

HOWARD LINCOLN HODGKINS, Ph.D., Sc.D.,
President of the University
HENRY E. KALUSOWSKI, M.D., Phar.D.,
Dean and Chairman of the College
LEWIS FLEMER, Phar.D. *Vice-Chairman of the College*
CHARLES B. CAMPBELL, Phar.D., M.D. *Secretary of the College*
HERBERT C. EASTERDAY, Phar.D. *Treasurer of the College*

BOARD OF TRUSTEES

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| HERBERT C. EASTERDAY | FRANK P. WELLER |

MEMBERS OF THE COLLEGE

| | |
|----------------------|-------------------------|
| PHILIP AFFLECK | LEOPOLD H. FOSTER |
| WALTER ARMSTRONG | CHARLES J. FUHRMANN |
| THOMAS H. ATKINSON | MALCOLM G. GIBBS |
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| GEORGE R. FLEMER | PAUL PEARSON |
| HENRY B. FLOYD | MORRIS A. POZEN |

R. LUCIEN QUIGLEY
 ALBERT M. READ (honorary)
 CHARLES C. READ
 EARLE K. RICHARDSON
 FRANK R. RICHARDSON
 WILLARD S. RICHARDSON
 FRANK ASHBY ROBEY
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 SAMUEL T. STOTT
 AUGUSTUS C. TAYLOR

FRANK B. TIPTON
 F. A. TSCHIFFELY
 ROBERT A. VEITCH
 S. M. WAGNER
 CHARLES S. WALTER
 CONRAD H. WEISS
 FRANK P. WELLER
 EDWARD W. WHITESIDE
 HARVEY W. WILEY (honorary)

SUBJECTS OF INSTRUCTION

| <i>Subject</i> | <i>Year</i> |
|--------------------------------|---------------------------------------|
| Pharmacy | First, second, third, and fourth year |
| Chemistry | First, second, third, and fourth year |
| English | First year |
| French | |
| German } Elect one..... | First year |
| Spanish } | |
| Zoology | First year |
| Psychology and Logic..... | First year |
| Physics | First year |
| Botany | Second year |
| Physiology | Second year |
| Materia Medica | Third year |
| Pharmacology | Third year |
| Pharmacognosy | Second year |
| Bacteriology | Third year |
| Clinical Microscopy | Third year |
| Public Health and Hygiene..... | Fourth year |
| Mercantile Pharmacy | Fourth year |

GENERAL STATEMENT

The fifty-first annual session of the George Washington School of Pharmacy will commence Wednesday, September 27th, 1922.

The course of instruction covers four scholastic years of thirty-two weeks, leading to the degree of Bachelor of Science in Pharmacy.

The entrance requirements and class instruction are on the same basis as required in other schools of the University, that is, fifteen units.

All work offered in the School of Pharmacy meets the highest requirements of pharmaceutical instruction. Its aim is to train pharmacists so as to enable them to intelligently and efficiently perform any work that may be required from a pharmacist with scientific training. The equipment, methods of instruction and courses are arranged to attain the object of its aim, the close association of the College of Pharmacy with the George Washington University by which students in pharmacy share all the advantages and enjoy the spirit of a great educational establishment is in itself an incentive to prepare themselves to meet the requirements of the trend of pharmaceutical education.

Instruction will be given during the day.

The degree of Bachelor of Science in Pharmacy will be conferred on students who have attended the required course of instruction and pass satisfactory examinations in the same.

CLASSIFICATION AND ADVANCEMENT OF STUDENTS

Students are divided into four classes, according to their proficiency and the time spent, viz: first year, second year, third year, and fourth year.

Proficiency in all subjects is marked on a scale of 100. The passing grade in each subject is 75.

Examinations are held at the end of the course in each subject. Students who fail to appear at a regular examination will not be examined until the next regular examination except by special permission of the Advisory Committee of the Faculty. For special examinations, a fee of \$5 will be charged for each subject.

To be *advanced*, a student must not fail in more than one major or two minor subjects. It is recommended that students advanced conditioned remove their conditions in the September examinations. Students advanced conditioned must remove all such conditions before they can be again advanced.

Students who fail in more than one major or two minor subjects, will not be given re-examinations in the September examinations except by special permission of the Advisory Committee of the Faculty.

Students who fail of graduation because of deficiency in but one major or two minors, if approved by the Advisory Committee of the Faculty, may be re-examined in the September examinations for graduation. Students who are allowed this privilege will be required to take such examinations as the Advisory Committee may direct.

Students who fail of advancement or graduation will be required to repeat a year, taking such subjects as may be directed by the Advisory Committee of the Faculty.

Students who fail of advancement after repeating any one of the first three years or who fail of graduation after repeating the final year, will not be permitted to maintain their connection with the school.

REQUIREMENTS FOR GRADUATION

Every candidate for the degree of Bachelor of Science in Pharmacy must be at least twenty-one years of age and of reputable character. He must have complied with the admission and other requirements herein set forth. He must have attended at least 80 per cent of all required instruction during four sessions of 32 weeks each in four separate years; must have satisfactorily completed all his courses and passed all his examinations. He must be present at the time specified for the final examinations, and also at Commencement. The degree is not conferred in the absence of a candidate except by special consent of the President's Council. Graduates of other accredited colleges who desire the degree of Bachelor of Science in Pharmacy must spend one year in residence at this school.

Candidates who in their work and examinations attain general averages of 90 or more will be presented to the Faculty for consid-

eration with reference to being designated as "having graduated with distinction." If in the opinion of the Faculty such candidates have shown themselves to be possessed of more than ordinary merit, they will have inscribed upon their diplomas beneath their degree the words "with distinction."

TEXTBOOKS

The following textbooks are used in the course in Pharmacy: U. S. Pharmacopœia; Practice of Pharmacy, Remington; Treatise on Pharmacy, Caspari.

STUDENT ACTIVITIES

Student activities in the University are carried on under the direction of a Board of Managers, acting under resolutions adopted by the Board of Trustees. Student Activities, including athletics, debating, and the various student publications, are supported by a voluntary tax to which all students in the University are invited to subscribe. This tax not only admits the subscriber to athletic contests and entitles him to copies of the publications, but also provides for free medical attention and hospital service under certain conditions. This tax is payable like other University fees, at the office of the Treasurer of the University.

FEES AND CONTINGENT EXPENSES

| | |
|--|-----|
| Registration fee, payable on entrance..... | \$5 |
| Registration fee, each subsequent year..... | 2 |
| Reinstatement fee | 2 |
| Tuition each year | 180 |
| Graduation fee | 10 |
| Material fee and breakage for Chemistry..... | 10 |
| Material fee for Physics..... | 10 |
| Materials and Microscope for Zoology..... | 10 |
| Materials and breakage for Pharmacy..... | 10 |

This includes all laboratory fees and charges for material used in Chemistry and practical Pharmacy. Students will, however, be required to pay all charges for injury to microscopes, apparatus and other college property.

All breakage and loss not directly traceable to the individual student is assessed pro rata; any unforfeited balance will be returned to the student at the expiration of the course.

Persons not candidates for the degree of Bachelor of Science in Pharmacy who take courses in Bacteriology or Clinical Microscopy will be charged a fee of \$6 for the use of the microscope in each of these courses. Should such a student take more than one of the courses mentioned, in any one school year, he will be charged a single fee of \$6 for microscope rental.

Students who elect to take the regular four year course in five years will be required to pay the full tuition for the first four years and will receive the fifth year without additional charge.

Persons are allowed to register as auditors for the tuition fees without being required to take active part in the exercises or to pass examinations but no credit will be allowed for such attendance.

No registration will be accepted for less than a full half-year, and no change in the courses undertaken at the time of registration

will be made unless approved by the Dean. Registration in the Pharmacy School is for a period not to exceed one year at a time and acceptance by the School of a student's registration fee does not in any way obligate the School to accept that student for any subsequent year.

Registration, other fees and deposits are due in full advance. Tuition may be paid in eight monthly installments in advance. Students who are unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond of \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1 of the current school year. All fees are payable at the office of the Treasurer.

WITHDRAWALS

Withdrawals will be granted only on recommendation of the Dean and the approval of the President.

A certificate of work actually done will be given to any student granted a withdrawal or a transfer to another school during the session. A written request for withdrawal or transfer must be filed with the Dean and no permission to withdraw or transfer, and no certificate of work done will be given a student unless all fees and dues chargeable against him up to the end of the month in which he withdraws have been paid.

BOARD AND ROOMS

A register of boarding houses is kept by the Treasurer. Accommodations cost from \$30 to \$50 a month.

For catalogues, application blanks, and further information, address

THE DEAN,
School of Pharmacy,
The George Washington University,
808 Eye Street N. W., Washington, D. C.

LAW SCHOOL

FACULTY

| | |
|---|------------------------------------|
| HOWARD LINCOLN HODGKINS, Ph.D., Sc.D. | <i>President of the University</i> |
| MERTON LEROY FERSON, A.M., LL.B. | <i>Dean and Professor of Law</i> |
| WALTER COLLINS CLEPHANE, LL.M. | <i>Professor of Law</i> |
| EDWIN CHARLES BRANDENBURG, LL.M. | <i>Professor of Law</i> |
| ARTHUR PETER, LL.B. | <i>Professor of Law</i> |
| JOHN PAUL EARNEST, A.M., LL.M. | <i>Professor of Law</i> |
| JOHN WILMER LATIMER, LL.B. | <i>Professor of Law</i> |
| WENDELL PHILLIPPS STAFFORD, A.M., LL.D., Litt.D., | <i>Professor of Law</i> |
| WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., | <i>Professor of Law</i> |
| CHARLES SAGER COLLIER, A.B., LL.B. | <i>Professor of Law</i> |
| HENRY WHITE EDGERTON, A.B., LL.B. | <i>Professor of Law</i> |
| LOYD HALL SUTTON, S.B., LL.B. | <i>Associate Professor of Law</i> |
| JOHN MONTEITH MCFALL, A.M., LL.B. | <i>Assistant Professor of Law</i> |
| HECTOR GALLOWAY SPAULDING, A.B., LL.B., | <i>Assistant Professor of Law</i> |
| THOMAS CLAFFEY LAVERY, LL.B. | <i>Assistant Professor of Law</i> |
| CLARENCE MILTON UPDEGRAFF, LL.B. | <i>Assistant Professor of Law</i> |
| LEVI RUSSELL ALDEN, A.M., LL.B. | <i>Lecturer in Law</i> |
| GILBERT LEWIS HALL, A.B., LL.B. | <i>Lecturer in Law</i> |
| FRANK SEYMOUR SMITH, A.B., LL.M. | <i>Lecturer in Law</i> |
| SPENCER GORDON, A.B., LL.B. | <i>Lecturer in Law</i> |
| CHARLES EDWARD HILL, Ph.D. | <i>Lecturer in Law</i> |
| JOHN WILLIAM TOWNSEND, LL.M. | <i>Lecturer in Law</i> |
| CHARLES FRANKHAM, A.M., LL.M., D.C.L. | <i>Lecturer in Law</i> |
| FRED C. O'CONNELL, LL.M. | <i>Clerk of the Moot Court</i> |
| JOSEPH ABNER JORDAN | <i>Secretary</i> |

MOOT COURT OF APPEALS

| | |
|-------------------------------------|--------------------------|
| MARTIN AUGUSTINE KNAPP, A.M., LL.M. | <i>Chief Justice</i> |
| STANTON JUDKINS PEELE, LL.B. | <i>Associate Justice</i> |
| BRAINARD WARNER PARKER, LL.B. | <i>Associate Justice</i> |

LIBRARY

| | |
|-----------------------------|----------------------------|
| EMANUEL MAURICE DAVIDOVE | <i>Librarian</i> |
| KATHLEEN DUGGAN | <i>Assistant Librarian</i> |
| CLINTON FISKE STANLEY, A.B. | <i>Assistant Librarian</i> |
| WILLIAM KENYON LLOYD | <i>Assistant Librarian</i> |

GENERAL STATEMENT

History.—The Law School, established in 1865, is the oldest in the city of Washington. Its course of instruction for the degree of Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A year of graduate work was added in 1877 leading to the degree of Master of Laws. The curriculum has since been increased by a course of study leading to the degree of Master of Patent Law.

Member of Association of American Law Schools.—The Law School was one of the group of law schools which in 1900 organized the Association of American Law Schools and it has remained a member of the Association since that time. This Association includes fifty-three of the most progressive law schools of the country and is committed to the policy of advancement in legal education. As this school maintains the standards of the Association, work certified by it is given a maximum of credit by other law schools of the country. This enables students who are unable to complete their studies in Washington to continue them at other institutions with a minimum loss of time and work.

Purpose of Course.—The School aims to give a thorough legal training to students whose education and maturity fit them to pursue serious professional study. Nearly sixty per cent of its students have had some college training and their average age is over twenty-five years. A preliminary course in liberal arts is encouraged and the University permits the first year of law work to be counted as the fourth year of college work for the degree of Bachelor of Arts, thus enabling students to obtain both the academic and professional degrees in six years. (*See Degrees.*)

Method of Instruction.—The method of instruction followed is designed to teach correct modes of legal study, to train the mind in legal reasoning, and to give a thorough grasp of fundamental legal principles. The student studies leading cases—the earlier cases which establish a principle, the later cases which show its qualifications. This study is supplemented by class-room discussion and instruction. Thus while the student is being trained to analyze and to discriminate, he at the same time masters the principles of law, sees the reasons on which they are based, and observes the influence on their development of successive political, economic, and social theories. The method is most practical. The student has always before him actual problems and their solution by the ablest judges of England and America. He begins under his teacher's guidance the work he must do when he enters practice. In no other way can the future lawyer acquire such power to solve the new

problems arising from the rapidly changing social and economic conditions of life.

"The only way to clarify and simplify our law as a whole is to reach the lawyer in the making and mold his habits of thought by adequate instruction and training so that when he comes to the Bar he will have learned to think not merely in terms of law but in terms of jurisprudence. The living principle of the case system of instruction in our law schools is that the student is required by a truly scientific method of induction to extract the principle from the decision and continually to state and restate for himself a system of law evolved from its history. He is thus preparing not merely to accept formally dogmatic statements of principles but to receive and assimilate and make his own the systematic thought and learning of the world in the science of jurisprudence. With a Bar subjected generally to that process of instruction, the more general systematic study of jurisprudence would follow naturally and inevitably, and the influence of that study would be universal; and from that condition would evolve naturally the systematic restatement of our law, by men equal to that great work."*

This inductive case system is the antithesis of the lecture and illustrative case method which is often mistaken for it. The case method is now used in over ninety per cent of the schools in the Association of American Law Schools.

The substantive law is taught almost wholly by professional teachers employing the case method and giving all their time to the school; the practice courses are conducted by lawyers in active practice and by judges.

Scope of Course.—The course of study is not local in its scope but constitutes a thorough preparation for the practice of law in any English speaking jurisdiction. It satisfies the professional study required for admission to the Bar examinations of the District of Columbia and all other jurisdictions of the United States. The school has conferred over 3,300 degrees, and its graduates are now practicing in every state of the Union, and in foreign countries.

ADVANTAGES OF WASHINGTON FOR THE STUDY OF LAW

The city of Washington has unusual attractions for students and particularly for students of law. It lies between the North and the South. It is a residential city of rare beauty, and its population is drawn from all over the United States. The library facilities of the city, both general and legal, are unexcelled. It is unique

* From the address of Hon. Elihu Root, President of the American Bar Association, August, 1916.

in the extent of its legal machinery. It is the seat of Congress, the Supreme Court of the United States, the Department of Justice, the United States Court of Claims, the United States Court of Customs Appeals, and of the District of Columbia Court of Appeals, Supreme Court, and Municipal Court, which exercise the dual function of state and federal courts. The various Executive Departments, including the Federal Trade Commission, the Interstate Commerce Commission, the Internal Revenue Bureau and other legal bureaus of the Federal Government, are also located in Washington.

LOCATION

The Law School occupies its own building at 1435 K Street, N. W., and is easily accessible from all parts of the city. The building, which was formerly occupied by the Department of Justice, was purchased in 1920 and remodeled to fit the needs of the Law School. It has nine class rooms with a seating capacity of about 1,100 students, seven professors' offices besides the business office, a large, well-lighted library, and two rest rooms. Four class rooms are arranged and furnished as moot courts.

LIBRARY

A working library comprising more than 9,000 volumes is open to students from 9 a. m. to 11 p. m. during week days, and 2 to 6 p. m. Sundays.

The library contains the complete decisions of the highest courts of all the states and the District of Columbia, the complete reports of the United States Supreme Court and the other federal courts, the complete National Reporter System, the Century, Decennial, Key number and United States Supreme Court Digests, various encyclopedias of law, the Lawyers Reports Annotated, the American Decisions, American Reports, American State Reports, and American Law Reports, the English Common Law and Chancery Reports, the English Reprint, the English Law Reports and Law Journal Reports since 1865, and about 600 standard text books and legal periodicals.

In addition to these facilities the students have free access to the Congressional Library and other public libraries.

ACADEMIC YEAR AND REGISTRATION

The academic year 1922-23 begins Wednesday, September 27, and closes Wednesday, June 6. The year is divided into two half-years, the second beginning January 29. The course is so arranged that a student may enter the second half-year and be graduated three

years from that time, receiving his degree at the Winter Convocation held on or about February 22 of each year.

Students are urged to register at the beginning of the half-year. Those who register later than three weeks after the opening of the half-year will be restricted to registration for such work only as in the opinion of the faculty they can successfully carry.

HOURS OF INSTRUCTION

The hours of instruction are 7:50-8:40 a. m., 9:00-10:50 a. m., and 5:10-6:50 p. m. A student can, if he so desires, confine his work either to the forenoon or to the afternoon and graduate in three years. Students who desire, or are compelled by circumstances, to support themselves by employment in the Government Service or elsewhere, or who desire to obtain practical experience in an attorney's office in addition to their work in law school, will find this arrangement of hours especially desirable. Such students may complete the full course for the degree, confining their attendance entirely from 5:10-6:50 p. m. or attending partly from 7:50-8:40 a. m. and partly from 5:10-6:50 p. m. Subjects offered from 7:50-8:40 a. m. are elective courses open to second and third year students.

ADMISSION

Both men and women are admitted to the Law School on the same terms.

I. *For the Degree of Bachelor of Laws.*—The requirements for admission to the course leading to the degree of Bachelor of Laws may be satisfied in either of the following ways:

a. By presenting a diploma or filing a certificate from an approved College or University showing the successful completion therein of at least two years of work.

b. Prior to September 1, 1925, by filing a certificate from an approved College or University showing the successful completion therein of at least one year of work.

c. For the school year of 1922-23 and until September 1, 1923, the requirements for admission may be satisfied by the presentation of certificates from a college or university, or from an approved high school or preparatory school, showing the successful completion of at least fifteen high school units, which are broadly equivalent to a four-year high school course. A unit represents approximately one year of study of a major subject in a high school. Applicants qualifying for admission under this requirement must be at least eighteen years of age. Those presenting high school credits only should have them certified on the blank

forms which they may obtain from the Secretary of the Law School.

The fifteen units may be made up from the following subjects:
(The Roman numerals indicate the year of study in the subject.)

| <i>Subjects</i> | <i>Units</i> |
|---|--------------|
| English, I, II, III, IV..... | 4 |
| Latin, Elementary, I, II..... | 2 |
| Advanced, III, IV..... | 2 |
| Greek, Elementary, I, II..... | 2 |
| Advanced, III..... | 1 |
| French, Elementary, I, II..... | 2 |
| Advanced, III, IV..... | 2 |
| German, Elementary, I, II..... | 2 |
| Advanced, III, IV..... | 2 |
| Spanish, Elementary, I, II..... | 2 |
| History, Ancient..... | 1 |
| Mediaeval and Modern European..... | 1 |
| English..... | 1 |
| American..... | 1 |
| Mathematics..... | |
| Algebra, Elementary and Intermediate..... | 1½ |
| Advanced..... | ½ |
| Geometry, Plane..... | 1 |
| Solid..... | ½ |
| Plane Trigonometry..... | ½ |
| Science..... | |
| Physics..... | 1 |
| Chemistry..... | 1 |
| Physiography..... | 1 |
| Biology..... | 1 |
| Botany..... | ½ |
| Zoology..... | ½ |
| Physiology..... | ½ |
| Psychology..... | ½ |
| Political Economy..... | ½ |
| Civil Government..... | ½ |
| Commercial High School Subjects..... | |
| Accounting and Finance..... | 1 |
| Bookkeeping..... | 1 |
| Business Organization..... | 1 |
| Commercial Law..... | 1 |
| Commercial History..... | ½ |
| Commercial Geography..... | ½ |
| Government and Industrial Problems..... | 1 |

II. *For the Degree of Master of Laws or Master of Patent Law.*—Candidates for these degrees must be at least twenty-one years of age and hold the degree of Bachelor of Laws from an institution substantially complying with the requirements of the Association of American Law Schools.

III. *As Special Students.*—Persons who can not qualify as candidates for a degree but are over twenty-one years of age and have had such educational training and practical experience as should enable them to pursue satisfactorily the study of law, may be admitted as special students by consent of the Dean.

ADVANCED STANDING

Students from other law schools which substantially comply with the requirements of the Association of American Law Schools may receive equivalent credit, not exceeding two years' work. Such students must have been qualified to enter this school when they began the study of law. The right is reserved to refuse such credit, in whole or part, save conditionally or after examination, and credit given may be withdrawn for subsequent poor work.

Applicants of whom examination may be required, can take the regular examinations or those held at the beginning of each academic year. (See *Examinations*.)

No credit will be given for studies pursued in a college or high school before entering on the regular study of law, or for law studies pursued in a law office or through a correspondence course.

SUBJECTS OF INSTRUCTION

The course of instruction extends through a period of at least three academic years. For the degree of Bachelor of Laws twelve hours class work a week are necessary to complete the course in three years. Ten hours a week for a year in subjects not counted towards the Bachelor's degree are required for the degree of Master of Laws or Master of Patent Law. (See *Degrees*.)

The subjects marked with an asterisk are prescribed for the degree of Bachelor of Laws. The student may elect the remainder of his subjects. Third-year students may elect subjects of the second year not previously studied. The selection of the subjects must be made in all cases within ten days after the beginning of the half-year.

Students devoting their whole time to the study of law may, with the permission of the Dean, take work not exceeding fifteen hours a week. Excess credits may be applied toward the degree of Master of Laws or Master of Patent Law. Students with substantial outside employment may not register for more than twelve

hours and are urged to carry less, and to devote more than three years to the course.

FIRST YEAR SUBJECTS

(The schedule of classes for the academic year 1922-23 will not be ready for distribution until after September 1, 1922. The following is a list of subjects offered during 1921-22, and is not an announcement of courses for 1922-23, although few changes are anticipated. Text books and instructors may be changed in some instances.)

*CIVIL PROCEDURE. *Two hours a week for one-half year.* The steps in a law suit; venue; process; appearance; form of action at Common Law and under modern code and practice acts; trial; judgments. *Scott's Cases on Civil Procedure.* MR. LAVERY and MR. VAN VLECK.

*CONTRACTS. *Three hours a week throughout year.* Simple contracts: offer, duration and termination thereof, acceptance, consideration; contracts under seal, including thereunder formalities of execution, delivery and consideration; parties affected by contracts: beneficiaries, assignees, joint obligors and obligees; performance of contracts: express and implied conditions, impossibility. *Williston's Cases on Contracts.* MR. FERSON and MR. TOWNSEND.

CRIMINAL LAW AND PROCEDURE. *Three hours a week for one half-year.* Sources of the criminal law; intent and act; attempts; insanity as a defense; historical development of crimes and statutory changes. The arrest; bail; the grand jury; the indictment; trial; pleas; modification of early practice, and statutory changes. *Mikell's Cases on Criminal Law and Procedure.* MR. EARNEST.

*EQUITY I. *Two hours a week for one half-year.* The nature and underlying principles of equity. Specific reparation and prevention of torts. *Ames' Cases on Equity Jurisdiction, Volume I.* MR. SPAULDING.

*PERSONAL PROPERTY. *Three hours a week for one half-year.* Distinction between personal and real property; nature of and rights based upon possession; some methods of acquiring title to chattels; liens and pledges; conversion. *Warren's Cases on Property.* MR. VAN VLECK and MR. SPAULDING.

PRINCIPLES OF LEGAL LIABILITY. *Two hours a week for one half-year.* Nature of an act; causation of injury; proximity or remoteness of injury as affecting tort or criminal liability of the actor; effect of interposition of other causes including natural forces and acts of animals and human beings; excuses for acts

* Prescribed Subjects.

causing injury including duty, public authority, defense of person and property and consent of injured person. *Beale's Cases on Legal Liability*. MR. EDGERTON.

*REAL PROPERTY I. *Three hours a week for one half-year*. Fixtures; the feudal system; estates; non-possessory interests in land; joint ownership; disseisin; uses and trusts; rights incident to possession; profits; licenses; easements; covenants running with the land; rents; waste; public rights. *Warren's Cases on Real Property*. MR. SPAULDING and MR. VAN VLECK.

*TORTS. *Two hours a week first half, three hours second half-year*. Negligence; duty of care of occupant of land toward those coming on it; trespass to the person, to real and personal property; contributory negligence; liability for fire or explosives; liability of owner of animals; deceit; libel and slander; malicious prosecution; unfair competition; strikes and lock-outs. *Pound's Cases on Torts*. MR. COLLIER.

SECOND YEAR SUBJECTS

(The schedule of classes for the academic year 1922-23 will not be ready for distribution until after September 1, 1922. The following is a list of subjects offered during 1921-22, and is not an announcement of courses for 1922-23, although few changes are anticipated. Text books and instructors may be changed in some instances.)

AGENCY. *Three hours a week for one half-year*. Requisites for creation of the agency relation; power of the agent to subject the principal to tort; contract liability to third persons; responsibility of the agent to third persons; liabilities in case of undisclosed principal; duties of principal and agent inter se; delegation of powers by the agent; ratification; termination of agency. *Wambaugh's Cases on Agency*. MR. UPDEGRAFF.

*BILLS AND NOTES. *Three hours a week for one half-year*. Form and essential requisites of negotiable instruments; delivery; indorsement; liability of maker, acceptor, drawer, indorser, and of person transferring by delivery. *Colson's Huffcutt's Cases on Negotiable Instruments*. MR. SPAULDING.

*COMMON LAW PLEADING. *Two hours a week for one half-year*. The declaration, necessary allegations, separate counts, joinder of causes; pleas, the common traverse, the special traverse, the general issues, confession and avoidance, estoppel, abatement; replications, amendment, aider and replader. *Tyler's Stephen on Pleading, Sunderland's Cases on Common Law Pleading*. MR. CLEPHANE and MR. UPDEGRAFF.

* Prescribed Subjects.

DAMAGES. *Two hours a week for one half-year.* Exemplary; liquidated; nominal; direct; consequential; avoidable; counsel fees; certainty; compensation; physical and mental suffering; aggravation and mitigation; value; interest; special rules in certain tort and contract actions. *Beale's Cases on Damages.* MR. LAVERY.

DOMESTIC RELATIONS. *Two hours a week for one half-year.* Marriage, divorce and separation; personal and property rights and liabilities of husband and wife; parent and child; infancy. *Woodruff's Cases on Persons.* MR. TOWNSEND.

*EQUITY II. *Two hours a week for one half-year.* Rules regulating specific performance of contracts including the doctrine of equitable conversion, and the more important defenses to a specific performance such as the statute of frauds, fraud, hardship, misrepresentation and concealment. *Ames' Cases on Equity Jurisdiction, Volume I.* MR. SPAULDING.

EQUITY III. *Two hours a week for one half-year.* Bills of interpleader; bills of peace; bills Quia Timet; cloud on title; reformation and rescission; mistake of law and mistake of fact. *Ames' Cases on Equity Jurisdiction, Volume II.* JUSTICE STAFFORD.

*EQUITY PLEADING AND PRACTICE. *One hour a week for one half-year.* Parties; process; bills; demurrers; answers; pleas; disclaimers; cross-bills; replications; amendments; practice; injunctions; receivers. *Jones on Equity Pleading and Practice.* MR. CLEPHANE.

*EVIDENCE. *Three hours a week for one half-year.* Judicial notice; burden of proof and presumptions; admissions and confessions; character; opinion evidence; the hearsay rule and its exceptions; the privileges and disqualifications of witnesses; the examination of witnesses; writings. *McKelvey on Evidence, Hinton's Cases on Evidence.* MR. PETER and MR. LAVERY.

INSURANCE. *Two hours a week for one half-year.* Marine, fire and life insurance; validity of the policy as affected by insurable interest; concealment; representation; warranty and other matters; rights of the insured and of the insurer under the policy; rights of assignees and beneficiaries. *Vance's Cases on Insurance.* MR. LAVERY.

QUASI-CONTRACTS. *Two hours a week for one half-year.* Obligations imposed by law which are enforceable by action of assumpsit. *Thurston's Cases on Quasi-Contracts.* MR. VAN VLECK.

* Prescribed Subjects.

*REAL PROPERTY II. *Two hours a week throughout year.* Titles to real estate; possession; seisin and disseisin; adverse possession; prescription; accretion; modes of conveyance; execution of deeds; the property conveyed; easements by implication; covenants for title; estoppel by deed; priorities and recording. *Warren's Cases and Gray's Cases on Real Property (2d ed.)*, Vol. III, and assigned readings. MR. UPDEGRAFF.

SALES. *Three hours a week for one half-year.* Subject matter of a sale of personal property; the passing of title as affected by the goods being specified or unspecified, the contract being executed or executory, the use of documents of title, and shipments c. o. d.; effect of fraud and of retention of possession; rights and remedies of the seller; rights and remedies of the buyer. *Williston's Cases on Sales (3d ed.)* MR. COLLIER and MR. EDGERTON.

THIRD YEAR SUBJECTS

(The schedule of classes for the academic year 1922-23 will not be ready for distribution until after September 1, 1922. The following is a list of subjects offered during 1921-22, and is not an announcement of courses for 1922-23, although few changes are anticipated. Text books and instructors may be changed in some instances.)

ADMIRALTY. *Two hours a week for one half-year.* Jurisdiction; admiralty liens; salvage; general average; charter parties and contracts of affreightment; marine insurance; The Harter Act; The Limited Liability Act; marine documents; procedure in admiralty. *Ames' Cases on Admiralty Jurisdiction*, and assigned readings. MR. ALDEN.

MUNICIPAL CORPORATIONS. *Two hours a week for one half-year.* Nature, organization and functions of municipal corporations such as cities and towns; their creation, control, alteration and dissolution; police power, power to tax, power to contract, etc.; liability in contract and in tort. *Beale's Cases on Municipal Corporations*. MR. EDGERTON.

BANKRUPTCY. *Two hours a week for one half-year.* History of the law; jurisdiction and procedure in Courts of Bankruptcy and before Referees; effect upon civil litigation of bankruptcy proceedings; voidable preferences; jurisdiction over appeals, etc. MR. BRANDENBURG.

CONFLICT OF LAWS. *Two hours a week throughout the year.* Jurisdiction: of law over persons and things; of courts; in rem; in personam; quasi in rem; and for divorce. Creation and enforcement of foreign rights; limitations and enforcement of such rights;

*Prescribed Subjects.

remedies, including rights of action and procedure; particular classes of rights, including personal rights, property rights, tort rights, contract rights; administration of estates. *Lorenzen's Cases on Conflict of Laws*. MR. VAN VLECK.

CONSTITUTIONAL LAW. *Two hours a week throughout year.* Legislative, executive and judicial powers; the relation of nation and states; District of Columbia and territories; the contract clause; ex post facto laws; fourteenth amendment; commerce clause, etc. *Wambaugh's Cases on Constitutional Law*. MR. COLLIER.

*CORPORATIONS. *Two hours a week throughout year.* General principles of corporation law including the corporation's relations with the state, its promoters, its stockholders, and its creditors, and the rights and obligations arising therefrom. *Warren's Cases on Corporations* (2d ed.). MR. EDGERTON.

FEDERAL PROCEDURE. *Two hours a week for one half-year.* Source of Federal jurisdiction; the law as administered by Federal Courts; jurisdiction and procedure; appellate jurisdiction of Circuit Court of Appeals and Supreme Court of the United States; practice in Court of Claims, and other Federal Courts. MR. BRANDENBURG.

INCOME TAX. *Two hours a week for one half-year.* Constitutionality and construction of United States statutes on income tax and excess profits tax. *Internal Revenue Laws, 1920*. MR. GORDON.

INTERNATIONAL LAW. *Two hours a week for one half-year.* Sources; jurisdiction; the pacific relations of states; the belligerent relations of states; war rights as to private property; blockade; contraband; and the rights and duties of neutrals. *Evans' Cases on International Law*. MR. HILL.

LEGAL BIBLIOGRAPHY AND BRIEF MAKING. *One hour a week for one half-year.* Where and how to find the law; how to use decisions and statutes; trial brief; appeal brief. JUDGE LATIMER.

LEGAL TACTICS AND ETHICS. *One hour a week for one half-year.* Duties of attorneys; ethics; office practice; common law practice; summary judgments; attachments; examination of witnesses; appellate practice; extraordinary legal remedies. MR. CLEPHANE.

*MOOT COURT. *Two hours a week throughout year.* Pleadings; trials before judge; trials before jury; appellate work. There are four nisi prius courts, one Equity, two Circuit, and one Criminal, and a Court of Appeals. The proceedings are conducted as in a regular court. Statements of fact are furnished

*Prescribed Subjects.

the students who must determine the court in which to sue, frame their pleadings, and conduct the cases to a conclusion in accordance with the rules of actual practice. A student must have completed the courses in Evidence and Common Law Pleading before beginning Moot Court. After September 1, 1923, Equity Pleading and Practice will also be a prerequisite for Moot Court. MESSRS. CLEPHANE, HALL and EARNEST and JUDGE LATIMER.

MORTGAGES. *Two hours a week for one half-year.* The two existing theories as to mortgage security; real estate and chattel mortgages, considering in detail the various forms of mortgage commonly in use in commercial communities, together with the rights and liabilities arising thereunder. *Kirchwey's Cases on Mortgages (2d ed.).* MR. MCFALL.

SURETYSHIP. *Two hours second half-year.* Nature of the contract; kinds of suretyship; the statute of frauds; surety's defenses based on the absence, suspension, or discharge of the primary obligation, or on conduct of the creditor prejudicial to the surety rights; effect of notice of revocation by or death of the surety; subrogation; exoneration. *Ames' Cases on Suretyship.* MR. MCFALL.

ORGANIZATION AND MANAGEMENT OF CORPORATIONS. *One hour a week for one half-year.* Promotion; selecting domicile; capitalization; charter; by-laws; meetings; stockholders; directors; officers; stock; bonds; voting trusts. *Clephane on the Organization and Management of Corporations.* MR. CLEPHANE.

PARTNERSHIP. *Two hours a week for one half-year.* Formation; title to partnership property; partnership liability; rights and duties of partners inter se; rights and remedies of creditors. *Ames' Cases of Partnership.* JUSTICE STAFFORD and MR. SPAULDING.

PATENT LAW (SUBSTANTIVE) AND PATENT OFFICE PRACTICE. *Two hours a week throughout year.* Substantive Patent Law: subjects of patents; invention; anticipation; statutory bars; utility; parties; reissues; disclaimers; extent of monopoly; state and federal regulation; transfers of title; licenses; construing claims; infringement. Patent Office Practice: attorneys: application papers; examinations; amendments; division; double patenting; interferences; interference practice; appeals; abandonment; renewals; public use proceedings; issue. MR. SUTTON.

PATENT LAW PRACTICE. *Two hours a week for one half-year.* Trial of patent law cases in moot court. MR. SUTTON.

PREPARATION OF LEGAL INSTRUMENTS. *One hour a week for one half-year.* Contracts; deeds; acknowledgment and proof of deeds;

mortgages and deeds of trust; leases; bills of sale; chattel mortgages; release of mortgages or deeds of trust; powers of attorney; assignments; wills. JUDGE LATIMER.

PUBLIC UTILITIES. *Two hours a week for one-half year.* An introductory consideration of the rights and duties of public service companies in general, followed by a brief study of the special obligations of carriers. *Burdick's Cases on Public Utilities.* MR. EDGERTON.

TRUSTS. *Two hours a week throughout year.* The nature of a trust as distinguished from debt, bailment, equitable charge and executorship; the requisites for the creation of a trust including trustee, cestui que trust, object, consideration and the effect of the Statute of Frauds; the nature of the cestui's interest; the transfer of trust property by act of the parties, by death, by marriage, by insolvency and acts of creditors; the duties of the trustee in the administration of his trust. Resulting and constructive trusts. *Scott's Cases on Trusts.* MR. LAVERY.

WILLS AND ADMINISTRATION. *Two hours a week for one half-year.* History of wills; right to make a will; what is disposable under a will; form, execution, and attestation; revocation; who is entitled to administer upon an estate; distribution of an intestate's personality; descent of realty; probate; letters testamentary and of administration; duties of executors and administrators. *Costigan's Cases on Wills.* MR. SMITH.

PROPERTY III. *Two hours a week for one half-year.* Future interests; conditions, reversions, remainders and conditional limitations; Rule in Shelley's Case; Future interests in personality; Powers; Rule against perpetuities. *Gray's Cases, Vol. 5.* MR. SMITH.

SUMMER SCHOOL, 1922

The Summer School of 1922 will cover a period of twelve weeks, divided into two sessions of six weeks each. Classes in the first session begin Monday, June 19th, and end Saturday, July 29. Examinations will be held July 31, August 1 and 2. Classes in the second session begin Thursday, August 3, and end Wednesday, September 13. Examinations will be held September 14, 15 and 16.

The purpose of the Summer School is to lighten and supplement the work of the regular session by enabling students to complete subjects usually taken in the regular session, or to shorten the period of study for a degree. In this connection, attention is invited to the fact that the twelve weeks summer course is not equivalent to one semester in reckoning the time-requirement for a degree.

Subjects have been selected to afford proper work both for students beginning the study of Law and for advanced students. All the subjects selected will be conducted by regular members of the Faculty and the character of instruction and the amount and grade of work required will be the same as that of the regular session.

Registration should be completed by the opening date of each session. Students may register for one or both sessions.

Students who are qualified for admission as candidates for degrees will be given two semester-hours credit for each subject completed.

Employed students may obtain a maximum of four semester-hours credit in each session by attendance in two subjects aggregating ten periods per week. Students not employed may obtain a maximum of six semester-hours credit in each session by attendance in three subjects aggregating fifteen periods per week.

The schedule is so arranged that work may be taken in the morning or in the late afternoon, or part in the morning and part in the late afternoon.

Classes in morning subjects are held from Tuesday to Saturday inclusive; classes in afternoon subjects from Monday to Friday inclusive. Tuesday, July 4th, and Monday, September 4th, will be holidays.

FIRST SESSION

First Year Subjects

Legal Liability.—Two semester credits. Beale's Cases on Legal Liability. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Mr. COLLIER.

Personal Property.—Two semester hours. Warren's Cases on Property. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. VAN VLECK.

Second and Third Year Subjects

Agency.—Four semester credits (continued through second session). Wambaugh's Cases on Agency. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. UPDEGRAFF.

Code Pleading.—Two semester credits. Tuesday and Friday, 5:10 to 6:50 p. m. Wednesday, 6:00 to 6:50 p. m. Mr. UPDEGRAFF.

Damages.—Two semester credits. Mechem & Gilbert's Cases on Damages. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. LAVERY.

Mortgages.—Two semester credits. Kirchwey's Cases on Mortgages. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. COLLIER.

Quasi-Contracts.—Two semester credits. Thurston's Cases on Quasi-Contracts. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. VAN VLECK.

Trusts.—Four semester credits (continued through second session). Scott's Cases on Trusts. Tuesday and Friday, 5:10 to 6:50 p. m. Wednesday, 6:00 to 6:50 p. m. Mr. LAVERY.

SECOND SESSION

First Year Subjects

Elementary Procedure.—Two semester credits. Scott's Cases on Civil Procedure. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. LAVERY.

Domestic Relations.—Two semester hours. Woodruff's Cases, Third Edition. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. TOWNSEND.

Second and Third Year Subjects

Agency.—Continuation of course begun in first session. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. UPDEGRAFF.

Municipal Corporations.—Two semester credits. Beale's Cases. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Mr. UPDEGRAFF.

Partnership.—Two semester credits. Ames' Cases. Monday and Thursday, 5:10 to 6:50 p. m.; Wednesday, 5:10 to 6:00 p. m. Mr. SPAULDING.

Sales.—Two semester credits. Williston's Cases on Sales, Third Edition. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Dean FERSON.

Suretyship.—Two semester credits. Ames' Cases on Suretyship. Tuesday to Saturday, inclusive, 7:50 to 8:40 a. m. Mr. SPAULDING.

Trusts.—Continuation of course begun in first session. Tuesday and Friday, 5:10 to 6:50 p. m.; Wednesday, 6:00 to 6:50 p. m. Mr. LAVERY.

PUBLIC SPEAKING AND DEBATING

Excellent facilities for training in public speaking and parliamentary law are afforded by the Columbian Debating Society, which has been organized in the Law School, and meets weekly for debate. Membership in this society is optional, but its work is encouraged by the faculty, and students are advised to take part in its exercises.

Intercollegiate debates are also held. Membership on the teams which represent the University in these contests must be won in

preliminary contests held for such purpose. These debates are conducted under the supervision of a committee of the University Faculty.

ATTENDANCE, RECITATIONS, EXAMINATIONS, GRADES, AND ELIMINATION OF STUDENTS

Attendance and Recitations.—No student, except by special permission of the Dean, will be allowed to take an examination on any subject unless he shall be regularly registered and have been in regular attendance upon the classes and have done all the work required in the course of instruction upon that subject. A student who is absent over ten per cent of the class hours in any subject will be denied credit unless his absences are excused by the Dean.

Regular Examinations.—Written examinations are held at the close of the first half-year in subjects which are then completed and at the close of the year in all other subjects. All students are required to take the regular examinations in the subjects pursued, unless excused by the Dean.

Grades.—At all examinations the grading of students will be indicated by the letters A, B, C, D, E, and F, representing, respectively, Excellent, Good, Satisfactory, Fair, Conditioned, and Failed. A student receiving the grade F (failed) in any subject will be required to repeat the course. A student receiving the grade of E (conditioned, in any subject will be required to repeat the course unless he pass the next regular examination for the removal of conditions with a grade of at least C.

Examinations for the Removal of Conditions.—Regular examinations for the removal of conditions are held during the first week of each academic year. A special examination for the removal of conditions is held at the end of each academic year for the benefit of candidates for the Bachelor's degree who have been conditioned in not more than four hours during the first half of their last year. Application for permission to take these examinations must be made in writing to the Secretary of the Law School not later than three days before the date for which the examination is scheduled.

Elimination of Students.—A student must obtain a grade of "D" or better in at least three-fourths of the total number of semester-hours for which he registers, and any student who fails to do so shall thereby automatically be excluded from further work in the school. He may be reinstated upon such a showing and upon such conditions as may be required by the Committee on Scholarship. The instructors of the first-year class are a committee to examine the students' records, with power to warn, to place on probation, and to refuse reregistration to any student whose work

is deemed unsatisfactory. The committee examines the records of all students immediately after the midyear examinations and again after the final examinations.

DEGREES

1. *Bachelor of Laws.*—The degree of Bachelor of Laws will be conferred upon regular students who have studied law for a period of at least three academic years and passed satisfactory examinations with an average grade of at least C on required and elective subjects aggregating thirty-six year-hours, and whose attendance and conduct have been satisfactory to the faculty.

The degree of Bachelor of Laws with distinction will be awarded students whose average percentage in all subjects is equivalent to the grade of A.

2. *Master of Laws.*—The degree of Master of Laws will be conferred upon students who have completed the work in subjects not counted for the Bachelor of Laws degree covering a minimum of ten year-hours with a grade of C or better in each subject and whose attendance and conduct have been satisfactory to the faculty. The subject of International Law offered by the Faculty of Arts and Sciences may be counted toward this degree. The degree will not be conferred until one academic year after the receipt of the degree of Bachelor of Laws.

3. *Master of Patent Law.*—Students who have qualified for the degree of Master of Laws may elect instead the degree of Master of Patent Law, provided that they have included in their course the Patent Law subjects and Federal Procedure. This degree will not be conferred until one year after receipt of the degree of Bachelor of Laws.

Candidates for degrees who have been absent from school for two successive years shall be entitled to continue the course only on such terms as the faculty may prescribe at the time of re-entering.

COMBINATION SIX-YEAR COURSE FOR DEGREES OF BACHELOR OF ARTS AND BACHELOR OF LAWS

The University permits one year of professional work in the Law School to be counted toward an academic degree. The degree of Bachelor of Arts will be conferred on students who have completed three years of college work (90 semester-hours, 12 semester-hours of which must be completed in the Department of Arts and Sciences of George Washington University, including one of the six groups of subjects there prescribed), and the first year in the Law School; the degree of Bachelor of Laws on completing the whole six years of the combination course.

PRIZES

The John B. Larner Gold Medal.—A gold medal donated by Mr. John Bell Larner, Chairman of the Board of Trustees of the University, is awarded annually to that member of the graduating class who shall have attained the highest average grade in the entire course for the degree of Bachelor of Laws. Awarded 1920-21 to Ismar Baruch.

Herrick Prize.—A prize of twenty-five dollars cash, donated by Samuel Herrick, Esq., is awarded annually to that member of the graduating class, excepting the winner of the gold medal, who shall have attained the highest average grade in the entire work of the third year. Awarded 1920-21 to John D. Watkins.

Blackstone Institute Prize.—A set of "Modern American Law," donated by the Blackstone Institute, is awarded annually to that member of the graduating class, excepting the winner of the Herrick Prize, who shall have attained the highest average grade in the entire work of the third year. Awarded 1920-21 to Ismar Baruch.

The Ordronaux Prize Scholarship.—A prize scholarship, known as "The Ordronaux Prize Scholarship," is awarded annually to that member of the second year class taking the regular course who shall have attained the highest average grade in the work of the second year. The recipient of this prize will be entitled to receive credit for tuition fees to the extent of one hundred dollars in his third year; the diploma fee will remain payable. The award of this scholarship is purely personal and will not be commuted to a cash payment. The recipient of the scholarship must make use of it during the session next succeeding its award; otherwise it will be awarded to the person having the next highest grade. Awarded 1920-21 to Mary S. Covington.

Phi Delta Phi Prize.—The Marshall Inn of Phi Delta Phi Legal Fraternity, which is the local chapter, offers a prize of twenty-five dollars cash, to be awarded annually to that member of the first year class taking the regular course who shall attain the highest average grade in the entire work of the year. Awarded in 1920-21 to Frank S. Rowley.

Phi Delta Delta Prize.—Zeta Chapter of Phi Delta Delta Women's Legal Fraternity, which is the local chapter, offers a prize of twenty-five dollars in gold, to be awarded annually to that woman member of the first year class taking the regular course who shall attain the highest average grade in the entire work of the year. Awarded 1920-21 to Laura B. Mason.

Ellsworth Prize.—A prize of twenty-five dollars in gold, offered by Mr. Fitz von Briesen, called the "Ellsworth Prize," is awarded for the best work done by a student in the subject of Patent Law Practice. Awarded 1920-21 to Clarence M. Crews.

John Byrne and Company Prize.—A prize offered by John Byrne and Company of Washington, D. C., of four volumes of their Legal Classics is awarded each year to the student attaining the highest grade in Real Property II. Awarded 1920-21 to Joe Hartman and Basil H. Pollitt (tie).

FEES

| | |
|---|-------|
| 1. Registration fee (payable once upon first registration in the Law School)..... | \$5 |
| 2. Tuition fee per annum for each hour taken per week..... | 12 |
| 3. Fee for graduation..... | 10 |
| 4. Fee for each subject taken in summer session..... | 12 |
| The approximate cost of the books for the 1st year..... | 45.00 |

No registration will be accepted for less than a half-year, and no change in the courses undertaken at the time of registration will be made unless approved by the Dean or Secretary. *Students will be charged for all courses registered or until application for permission to drop them or to withdraw from the University has been made in writing to the Dean. Withdrawals during the half-year will be granted only on recommendation of the Dean.*

PAYMENT OF FEES

Matriculation fee is due in advance. Tuition may be paid in eight monthly installments in advance, but will not be apportioned for a part of a month. Students unable to pay their fees monthly in advance will be required to file an acceptable personal or corporate bond for \$200 as security for future payment. In every instance all indebtedness must be discharged on or before May 1, of the current school year. Students who are dropped from the rolls because of delinquency in payment of fees are required to pay a reregistration fee of \$2. Fees are payable at the office of the Treasurer of the University, 2101 G Street, or of the Secretary of the Law School.

STUDENTS' EMPLOYMENT

The School endeavors to assist students in finding work to aid in their support. Many out-of-town students take the United States Civil Service examinations in their various states and secure position in the Government departments in Washington, where the hours of employment enable them to pursue the law course in the afternoon. Information concerning these examinations may be secured from the Civil Service Commission at Washington.

There are also opportunities for private employment which will help pay expenses, but the applicant must be on hand to take advantage of them. Prospective students should have the means of support for at least a half-year to give them time to secure positions.

STUDENTS IN THE UNIVERSITY

Names of students who have withdrawn or graduated are indicated by stars (*) or symbols (§); those who have entered since February 15, 1922, by daggers (†).

DEGREES CONFERRED, MISCELLANEA

STUDENTS REGISTERED IN THE DEPARTMENT OF ARTS AND SCIENCES, 1921-22

Names of students who have withdrawn or graduated are indicated by stars (*) or symbols (§); those who have entered since February, 1922, by daggers (†).

In the enumeration of undergraduate students the column of figures indicates the number of semester-hours of work taken by the student prior to the beginning of the current academic year, 1921-22, and completed without conditions, or credited on advanced standing in candidacy for a degree. In Columbian College 120 credits are required for graduation; in Teachers College, 124; in the College of Engineering, 140.

SCHOOL OF GRADUATE STUDIES IN ATTENDANCE

| | |
|--|--------------------------|
| BARTSCH, MRS. SIGNE GJERDRUM (D. C.) | 1456 Belmont Street |
| A. B., 1920, George Washington University | |
| BICKNELL, ANNA (N. Y.) | 4411 89th Street |
| B. S., 1915, Columbia University | |
| BIRTWELL, ELIZABETH (D. C.) | 123 12th Street, S. E. |
| A. B., 1904, Wellesley College | |
| *BOGGS, ALICE LAURA (N. Y.) | 1225 L Street |
| A. B., 1918, Oberlin College | |
| BUBB, JOHN CARROLL (D. C.) | 719 9th Street, N. E. |
| A. B., 1915, Washington and Lee University | |
| BUCK, CLARENCE L. (Wis.) | Bureau of Standards |
| B. S., 1920, Beloit College | |
| COLLINS, SELWYN D. (D. C.) | 1235 Irving Street |
| A. B., 1914, University of Missouri; A. M., 1915, University of Wisconsin | |
| *COOMBS, DANIEL S. (Neb.) | 634 C Street, N. E. |
| A. B., 1921, George Washington University | |
| CORSEY, EDITH J. (N. Y.) | 2818 27th Street |
| A. B., 1912, Syracuse University | |
| *CROWELL, CHARLES A. (Mass.) | St. Elizabeth's Hospital |
| A. B., Harvard University | |
| CURRY, JESSIE M. (Ohio) | 2011 F Street |
| A. B., 1917, Mt. Union College | |
| DANIEL, CHARLES D. (Tenn.) | 1788 Corcoran Street |
| A. B., 1906, Southern University; A. M., 1910, Vanderbilt University | |
| DENT, MARY C. (D. C.) | 3009 F Street |
| A. B., 1919, George Washington University | |
| *DINER, IRENE CAROLINE (N. Y.) | 1818 Vernon Street |
| A. B., 1917, Hunter College; A. M., 1918, Columbia University; Ph. D., 1920, New York University | |
| *DONOVAN, KATHERINE M. (Wash.) | 1102 6th Street |
| A. B., 1921, George Washington University | |
| FERGUSON, ELIZABETH G. (Ga.) | 1812 K Street |
| A. B., 1919, Randolph-Macon College; A. M., 1921, George Washington University | |
| FREY, RALPH W. (D. C.) | Bureau of Chemistry |
| B. S., 1912, George Washington University | |
| HANNA, NANCY P. (D. C.) | 3009 Q Street |
| A. B., 1920, Sweet Briar College | |
| †HARRIS, VERLE (Kans.) | 1743 P Street |
| B. S., 1916, Kansas State Normal College | |
| HAWKES, FRED (D. C.) | 2541 13th Street |
| *HEITMAN, POLLY (N. C.) | 1500 13th Street |
| A. B., 1912, Trinity College | |
| †HUNT, PHILIP W. (D. C.) | 1515 20th Street |
| A. B., 1906, Yale University | |
| HYSLOP, CLARENCE M. (Neb.) | 1801 G Street |
| A. B., 1917, Nebraska State Normal College | |
| INGELS, NELLE L. (Ill.) | G-H Bldg., Govt. Hotels |
| Ph. B., 1911, Greenville College; A. M., 1914, University of Illinois | |

- JENISON, HILBERT A. C. (D. C.).....1721 21st Street
M. E., 1909, Cambridge University
- JENKINS, MRS. BLANCHE S. (Ohio).....1315 Belmont Street
A. B., 1914, Oberlin College
- JOHNSON, NELLIE E. (Pa.).....1354 Monroe Street
Sc. B., 1905, Bucknell University
- *KONNO, TOSABRO (Japan).....2218 18th Street
A. B., 1900, University of California; A. M., 1902, Columbia University
- *LEPPER, HENRY A. (D. C.).....1417 Allison Street
B. S., 1913, George Washington University
- *LONDOW, EZEKIEL J. (N. C.).....The Alabama
A. B., 1912, Trinity College
- LOOMIS, ALBERT G. (D. C.).....Bureau of Mines
Ph. D., University of California, 1919
- *MCNAUGHTON, EDNA B. (Mich.).....College Park, Md.
B. S., 1911, Michigan Agricultural College
- MACLEAR, MARTHA (N. Y.).....1405 Girard Street
B. S., 1909, A. M., 1910, Columbia University
- MIDDLEBROOK, CELIA A. (Tex.).....L-M. Bldg., Govt. Hotels
- MOSS, FRED A. (N. C.).....Capitol Heights, Md.
A. B., 1913, Mercer University; A. M., 1920, Columbia University
- MULLIGAN, GRACE C. (Md.).....3825 14th Street
M. E., 1903, Colorado School of Mines
- MURRAY, MARY F. (D. C.).....1317 Farragut Street
A. B., 1918, George Washington University
- NEWCOMB, MARY A. (Va.).....144 12th Street, N. E.
A. B., 1917, George Washington University
- PINCK, LOUIS A. (N. J.).....1828 Calvert Street
B. S. in Chem. Eng., 1918, New York University
- *PORTER, FRANK (Mo.).....1437 Belmont Street
A. B., 1919, Missouri State University
- PROTZMAN, MERLE IRVING (Pa.).....1100 Irving Street
A. B., 1918; A. M., 1919, Dickinson College
- RANDALL, BERNICE D. (D. C.).....2035 F Street
A. B., 1921, George Washington University
- *REILLY, MARIE M. (Pa.).....2506 K Street
B. S., 1916, Columbia University
- †ROBBINS, JESSIE M. (N. J.).....X-Y Bldg., Govt. Hotels
Ph. B., 1907, Alfred University
- *ROSE, ANNA LORETTE (Pa.).....1104 M Street
A. B., 1912, George Washington University
- ROSE, HELEN MARIE CECILIA (Ill.).....1320 U Street
Ph. B., 1919, University of Chicago
- SCOTT, DOROTHY B. (D. C.).....16 5th Street, S. E.
A. B., 1915, University of Omaha; A. M., 1920, George Washington University
- *SHERMAN, JOHN M. (Mass.).....3324 Newark Street
B. S., 1921, Massachusetts Institute of Technology
- *SINGISER, ROMAINE W. (Pa.).....717 21st Street
A. B., 1912, Dickinson College
- STARKE, NATHANIEL C. (Va.).....Ashburn, Va.
Ph. B., 1901, University of North Carolina
- SWICKER, VICTOR C. (Me.).....1827 Monroe Street
B. S., 1916, Bates College
- TILLINGHAST, MRS. ROSE C. O. (Minn.).....323 Maryland Avenue, N. E.
A. B., 1915, University of Minnesota
- *VALKAR, PETER (Va.).....Bureau of Internal Revenue
B. S., 1906, North Carolina State University; M. S., George Washington University, 1917
- WADELL, MRS. ELIZABETH F. (Ga.).....3800 14th Street
A. B., 1921, George Washington University
- WELCH, ISABELLE M. (N. J.).....9 W. Melrose Street, Chevy Chase, Md.
A. B., 1919, Smith College
- WEYMAN, MOLLIE B. (N. Y.).....3006 13th Street
A. B., 1920, George Washington University
- *WHITMORE, EUGENE R. (Wis.).....2139 Wyoming Avenue
B. S., 1896, University of Wisconsin; M. D., 1899, University of Illinois;
Dr. P. H., 1921, Johns Hopkins University
- WILLARD, EMMA (Ill.).....Children's Bureau
A. B., 1888, Oberlin College; A. M., 1891, University of California
- *WILSON, ELIZABETH W. (D. C.).....316 B Street, S. E.
A. B., 1917, George Washington University; A. M., 1920, Radcliffe College
- *WU, NAN-JU (China).....1921 G Street
A. B., 1917, LL. B., 1920, Pei-Yang University

MASTER OF ARTS

- †ALSKEN, MYRTLE F. C. (Minn.).....1465 Meridian Place
A. B., 1922, George Washington University. *Topics*: Major, History;
Minors, English, Sociology
- AMAN, JOHN ANDREW (Md.).....Mt. Rainier, Md.
A. B., 1920, George Washington University. *Topics*: Major, Political
Science; Minor, English
- †AMES, HERMAN ROBIE (N. H.).....1046 Irving Street, N. E.
A. B., 1922, George Washington University. *Topics*: Major, History; Minor,
Commerce
- ARNOLD, ROSEMARY (Pa.).....24 2d Street, N. E.
A. B., 1921, George Washington University. *Topics*: Major, English; Minors,
English, Sociology
- BAILEY, LILLIE P. (Pa.).....3222 15th Street
A. B., 1920, George Washington University. *Topics*: Major, English; Minor,
Education
- *BARNEY, ANNIS O. (Vt.).....1104 M Street
Ph. B., 1921, University of Vermont. *Topics*: Major, Commerce; Minors,
Economics, Commerce
- BARTLETT, HELEN REBEKAH (Md.).....2120 G Street, Apt. 402
A. B., 1919, Western Maryland University. *Topics*: Major, History; Minors,
Political Science, Economics
- *BELL, M. BYRD (Tex.).....927 17th Street
A. B., 1921, George Washington University. *Topics*: Major, English; Minors,
Sociology, Art
- BELLER, ELIZABETH C. (D. C.).....235 1st Street, N. E.
A. B., 1917, George Washington University. *Topics*: Major, History; Minor,
Education
- BELT, MILDRED (Md.).....Children's Bureau, Depart-
ment of Labor
A. B., 1917, Goucher College. *Topics*: Major, Economics; Minor, Law
- †BENNETT, ALVA H. (Ohio).....1740 Euclid Street, Apt. 50
A. B., 1918, Ohio State University. *Topics*: Major, Physics; Minors, Physics,
Mathematics
- BENNETT, RUTH HILTON (D. C.).....3420 Mt. Pleasant Street
A. B., 1919, George Washington University. *Topics*: Major, Political Science;
Minor, History
- BISER, ROSEBELLE (Md.).....1504 21st Street
A. B., 1918, Winthrop College. *Topics*: Major, English; Minors, English,
History
- *BOMBERGER, RICHARD W. (Md.).....Donaldson School, Ilchester,
Md.
A. B., 1920, Franklin and Marshall College. *Topics*: Major, English; Minors,
English and History
- BONNER, HARRIE R. (W. Va.).....337 F Street, N. E.
A. B., 1914, West Virginia University. *Topics*: Major, Education; Minor,
Economics
- BRADLEY, MARY MACKINLEY (Ga.).....1929 Calvert Street
A. B., 1921, George Washington University. *Topics*: Major, Philosophy;
Minor, Sociology
- †BRANNEN, FLORENCE (Ga.).....1812 K Street, Apt. 305
A. B., 1922, George Washington University. *Topics*: Major, History
- BRITTEN, ROLLO HERBERT (Md.).....Riverdale, Md.
A. B., 1912, Harvard University. *Topics*: Major, Economics; Minors, Pre-
ventive Medicine, Sociology
- *BRODELL, ALBERT PERCY (Ala.).....Farm Management, Depart-
ment of Agriculture
B. S., 1921, Oklahoma Agricultural and Mechanical College. *Topics*: Major,
Economics; Minor, Commerce
- BROWN, MARY (D. C.).....Southbrook Courts, Apt. 606
A. B., 1915, George Washington University. *Topics*: Major, English; Minor,
Philosophy
- BROWNE, THOMAS (D. C.).....231 9th Street, N. E.
B. Th., 1902, M. Th., 1903, S. Th., 1910, Temple University; A. B., 1920,
George Washington University. *Topics*: Major, Philosophy
- *CALLAWAY, PATRICK H. (Va.).....Episcopal High School,
Alexandria, Va.
A. B., 1918, University of Virginia. *Topics*: Major, Philosophy; Minors,
Philosophy, Education

- *CANTRELL, MRS. CECIL W. (Tex.).....2006 G Street
A. B., 1921, George Washington University. *Topics:* Major, Spanish; Minors, Latin, Spanish
- CAREY, ALFRED B. (Del.).....Room 158, House Office Bldg.
A. B., 1915, Delaware College. *Topics:* Major, Commerce
- *CHANEY, MRS. BERTHA SHANKS (D. C.).....210 Flower Avenue, Takoma Park, D. C.
B. S., 1896, Union College, Nebraska. *Topics:* Major, Education; Minors, Education and Philosophy
- CHANG, KAICHEN Z. (China).....2312 19th Street
A. B., 1909, St. John's College, China. *Topics:* Major, Economics
- *COLE, ELTA JEAN (Iowa).....1223 15th Street
B. S., 1915, New York State College for Teachers. *Topics:* Major, English; Minor, English
- COLEMAN, GRACE DECKER (S. C.).....Kendall Green
A. B., 1916, Greenville Woman's College; M. A., 1921, Gallaudet. *Topics:* Major, English; Minors, Psychology, Social Science
- †COOPERMAN, HARRIETT (Iowa).....1811 Adams Mill Road
A. B., 1922, George Washington University. *Topics:* Major, History; Minors, Economics, Political Science
- *COWLES, ANNA B. (Mich.).....Hotel Cairo
B. S., 1915, Michigan Agricultural College. *Topics:* Major, Sociology
- CRAM, ELOISE B. (Iowa).....1736 Columbia Road
B. S., 1918, University of Chicago. *Topics:* Major, Zoology; Minors, Zoology, Pathology
- *CROWLEY, FRANCIS M. (D. C.).....707 First Street
A. B., 1916, Holy Cross Academy. *Topics:* Major, Economics; Minors, History, Education
- DAVIS, MINNIE C. (D. C.).....1236 B Street, N. E.
A. B., 1913, George Washington University. *Topics:* Major, English; Minors, Latin, History
- DAVISON, MRS. MABEL M. (D. C.).....2700 13th Street
A. B., 1921, George Washington University. *Topics:* Major, Psychology; Minors, Sociology, Education
- *DEFREES, RAYMOND G. (Va.).....Clarendon, Va.
A. B., 1920, George Washington University. *Topics:* Major, Economics; Minors, Commerce, Civil Engineering
- DOLLARHIDE, DANIEL AUGUSTUS (Ark.).....1736 G Street
A. B., 1916, Henderson-Brown College. *Topics:* Major, Commerce; Minors, Commerce, Political Science
- *DRAPER, HENRY W. (D. C.).....1453 Fairmont Street
A. B., 1909, George Washington University. *Topics:* Major, Education; Minor, English
- EDINGTON, WALLACE (D. C.).....315 John Marshall Place
A. B., 1921, George Washington University. *Topics:* Major, Chemistry; Minor, Chemistry
- ELDRIDGE, HARRIET D. (D. C.).....2017 Park Road
A. B., 1917, George Washington University. *Topics:* Major, English; Minors, History, Spanish
- ENGLISH, MAUDE F. (D. C.).....2014 15th Street
A. B., 1918, George Washington University. *Topics:* Major, English; Minors, English, Philosophy
- FICKLIN, KROES (Va.).....Alexandria, Va.
A. B., George Washington University. *Topics:* Major, English; Minors, Education, History
- FRITZ, MURIEL ESTELLE (D. C.).....1410 21st Street
A. B., 1920, Wellesley College. *Topics:* Major, English; Minor, Philosophy
- GADDIS, MARGARET T. (D. C.).....1017 East Capitol Street
A. B., 1920, George Washington University. *Topics:* Major, Education; Minors, Sociology, History
- GARDNER, RUFUS S. (Va.).....Ballston, Va.
A. B., 1921, George Washington University. *Topics:* Major, Commerce; Minors, Political Science, History
- GESCHICKER, CHARLES (D. C.).....1222 Connecticut Avenue
A. B., 1920, George Washington University. *Topics:* Major, Education; Minors, Sociology, Psychology
- GLASER, FREDA ELIZABETH (Wis.).....1308 Fairmont Street
A. B., 1917, Lawrence College, Appleton, Wis. *Topics:* Major, English; Minors, Sociology, Art

- GOFORTH, ALYS MILLSAPS (La.).....1346 Oak Street
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, German, History
- GREGG, GENEVIEVE F. (Neb.).....1750 S Street
A. B., 1919, Peru, Nebraska, Teachers' College. *Topics:* Major, History; Minors, Political Science, English
- GROSSMAN, HERBERT R. (Ky.).....1311 N Street
A. B., 1921, George Washington University. *Topics:* Major, Economics; Minors, English, History
- GUILFORD, CHARLES C. (Va.).....Eastern High School
A. B., 1921, George Washington University. *Topics:* Major, History; Minors, Economics, Political Science
- HARDY, ROSE LEES (D. C.).....764 Rock Creek Church Road
A. B., 1918, George Washington University. *Topics:* Major, Psychology
- HASLUP, ALICE E. (D. C.).....2114 18th Street
A. B., 1912, George Washington University. *Topics:* Major, Education; Minors, English, Spanish
- HAZEN, GRACE (N. Y.).....1702 Kilbourne Place
B. S., 1919, St. Lawrence University. *Topics:* Major, Psychology; Minors, Philosophy, Sociology
- *HEHIR, JOHN FRANCIS (Mass.).....1113 16th Street
A. B., 1918, Holy Cross Academy. *Topics:* Major, Sociology; Minor, Political Science
- HERNDON, CHARLES ALLAN (Ky.).....119 Maryland Avenue, N. E.
A. B., 1912, Centre College. *Topics:* Major, English; Minors, Psychology, History
- *HIGGINS, ARTHUR L. (Ariz.).....1810 Lawrence Street, N. E.
A. B., 1921, George Washington University. *Topics:* Major, Economics and Sociology; Minors, Commerce, Philosophy
- HILL, EDITH E. (Ind.).....1712 Kilbourne Place
A. B., 1916, Indiana University. *Topics:* Major, Mathematics
- HOLLINGSWORTH, JOSEPHINE B. (Calif.).....Government Hotels
A. B., 1910, Tulane University. *Topics:* Major, Economics; Minors, Sociology, Commerce
- HOLLIS, FAYE PEARL (Kans.).....1304 Shepherd Street
A. B., 1916, Baker University. *Topics:* Major, Economics; Minors, Commerce
- HOLMES, EDITH F. (S. D.).....Government Hotels
A. B., 1918, Dakota Wesleyan University. *Topics:* Major, Sociology
- †HOLT, WILLIAM S. (N. Y.).....1725 17th Street
A. B., 1920, Cornell University. *Topics:* Major, History; Minors, History, Political Science
- HOOVER, LAWRENCE G. (D. C.).....116 Baltimore Avenue, Takoma Park
A. B., 1915, West Virginia University. *Topics:* Major, Education; Minors, Psychology, English
- HOWARD, RALPH C. (Miss.).....1741 G Street
B. S., 1918, University of Mississippi; LL. B., 1921, National University Law School. *Topics:* Major, History; Minors, Political Science, Economics
- HUFF, MRS. DAISIE M. (D. C.).....2134 F Street
B. S., 1902, Valparaiso University; A. B., 1913, George Washington University. *Topics:* Major, Education; Minors, Psychology, Philosophy
- HUMMER, ELIZABETH (Va.).....764 Rock Creek Church Road
A. B., George Washington University. *Topics:* Major, Psychology
- HUMMER, MARIAN VIRGINIA (D. C.).....1010 Massachusetts Avenue, N. E.
A. B., 1919, Randolph-Macon College. *Topics:* Major, English
- HYMAN, MRS. SADIE Z. (D. C.).....3401 16th Street
A. B., 1921, George Washington University. *Topics:* Major, English; Minor, Sociology
- *JAMES, TERESA D. (Ohio).....Wardman Park Hotel
A. B., 1920, Bryn Mawr College. *Topics:* Major, French; Minors, Spanish, Philosophy
- JENKINS, WARDER B. (Ohio).....1315 Belmont Street
B. S., 1917, Ohio State University. *Topics:* Major, Economics; Minors, Commerce, Economics
- JENNINGS, RALPH D. (Ohio).....Y. M. C. A.
B. S., 1914, Michigan Agricultural College. *Topics:* Major, Commerce; Minor, Economics
- JOHNSON, MRS. GRACE DEAN (Ohio).....Bethesda, Md.
B. S., 1908, New York University. *Topics:* Major, Political Science; Minors, History, Sociology

- JOHNSON, OTTO T. (Vt.).....1225 Harvard Street
B. S., 1914, University of Vermont. *Topics*: Major, Philosophy; Minors,
Economics, Commerce
- *JONES, MRS. MARIE M. (Wash.).....702 20th Street
A. B., 1920, George Washington University. *Topics*: Major, History;
Minors, Economics, Political Science
- *JUDD, ELEANOR C. (Wis.).....1819 G Street
A. B., 1921, George Washington University. *Topics*: Major, English; Minors,
English, Sociology
- KITTREDGE, DOROTHEA D. (Iowa).....1706 T Street
A. B., 1916, University of Montana. *Topics*: Major, Economics
- KLAPHAAK, PETER JOHN (Netherlands).....114 Maryland Avenue, N. E.
Diploma, G. A. von Swieten Horticultural College, 1913; A. B., 1920, Uni-
versity of Michigan. *Topics*: Major, Botany; Minor, Zoology
- KNAPPEN, MRS. NELLIE CROSS (D. C.).....2925 Tilden Street
A. B., 1891, University of Minnesota. *Topics*: Major, Botany; Minor,
Zoology
- LAVENDER, WILLIAM D. (Ala.).....1810 K Street
A. B., 1920, Virginia Military Institute. *Topics*: Major, Political Science
- LEE, MARY E. (Ark.).....I-K Bldg., Govt. Hotels
A. B., 1901, Ouachita College. *Topics*: Major, English; Minor, History
- LEE, WILLIAM YONG C. (Korea).....905 Continental Trust Bldg.
A. B., 1921, George Washington University. *Topics*: Major, Commerce;
Minor, History
- LEWIS, STUART (Ill.).....George Washington Inn
LL. B., 1916, John Marshall Law School; D. C. L., 1918, Arkansas Law
School; LL. M. and M. P. L., 1921, National University Law School;
A. B., 1921, George Washington University. *Topics*: Major, Political
Science; Minors, Political Science, History
- *LOUGHRAN, JOSEPH S. (D. C.).....15 9th Street, S. E.
Ph. B., 1909, Catholic University. *Topics*: Major, History; Minors, Eng-
lish, Education
- McCLINTOCK, LAURA M. (Pa.).....1822 I Street
A. B., 1921, George Washington University. *Topics*: Major, Economics;
Minors, Sociology, Commerce
- †MARTIN, HOWARD H. (Ill.).....1758 N Street
B. S. in Econ., 1922, University of Pennsylvania. *Topics*: Major, History;
Minors, English, Political Science
- *MILLER, MARION SPIERS (N. C.).....280 13th Street, S. W.
A. B., 1918, University of North Carolina. *Topics*: Major, Chemistry;
Minor, Chemistry
- †MILLIKEN, FLORENCE E. (D. C.).....15 Dorset Avenue, Chevy
Chase
A. B., 1915, George Washington University. *Topics*: Major, English; Minors,
History, Education
- MILLS, EDDIE LANCE (Tex.).....2121 F Street
A. B., 1920, George Washington University. *Topics*: Major, Mathematics;
Minors, Sociology, Law
- *MINER, HELEN (Ohio).....The Kenesaw
A. B., 1920, George Washington University. *Topics*: Major, Economics;
Minor, English
- MONEYWAY, JAMES LEWIS L. (Ala.).....3212 19th Street
A. B., 1912, George Washington University. *Topics*: Major, English;
Minors, French, History
- MOORE, MILDRED J. (Va.).....111 Tennessee Avenue, N. E.
A. B., 1920, George Washington University. *Topics*: Major, English;
Minors, Latin, Education
- Capitol Heights, Md. *MOSS, CLAUDE R. (N. C.).....
A. B., 1897, Young Harris College; LL. M., 1921, National Law School.
Topics: Major, Ethnology; Minor, International Law
- MUCCIO, JOHN J. (R. I.).....1801 G Street
Ph. B., 1921, Brown University. *Topics*: Major, Political Science; Minors,
Political Science, Commerce
- MURPHY, MABEL GRANT (Ind.).....2036 Allen Place
A. B., 1912, Butler College. *Topics*: Major, English; Minors, English, Latin
- MUSSMAN, MICHAEL ANGELO (Pa.).....Y. M. C. A.
A. B., 1921, George Washington University. *Topics*: Major, Political Science;
Commerce, Political Science
- Minors, Law, English
- NAYLOR, ESTILL E. (Mo.).....Ballston, Va.
A. B., 1921, George Washington University. *Topics*: Major, History; Minors,

- NELSON, NORMAN J. (N. D.).....16 Hamilton Street, Brentwood, Md.
 A. B., 1917, George Washington University. *Topics:* Major, English; Minors, English, Spanish
- NEVINS, RUBY (D. C.).....1421 Columbia Road
 A. B., 1917, George Washington University. *Topics:* Major, English; Minors, English, Architecture
- NEWLOVE, IVADEL E. (N. D.).....2109 F Street
 A. B., 1921, George Washington University. *Topics:* Major, Commerce; Minors, Commerce, Economics
- NEWTON, WILLIAM LEE (Ind.).....3432 Lowell Street
 A. B., 1921, Indiana State Normal College. *Topics:* Major, Chemistry; Minors, Chemistry, Philosophy
- NUTTER, VIRBROOK (D. C.).....624 Carroll Avenue, Takoma Park
 A. B., 1920, Washington Missionary College. *Topics:* Major, History; Minors, Philosophy, Political Science
- ORB, CLEM I. (D. C.).....2017 I Street
 B. S., 1889, Wellesley College. *Topics:* Major, English
- PARRITT, ELSIE M. (D. C.).....3554 11th Street
 Ph. B., 1909, Dakota Wesleyan University. *Topics:* Major, English; Minor, Philosophy
- PATISON, GUS M. (Tex.).....George Washington University
 A. B., 1917, Texas Christian University. *Topics:* Major, Spanish; Minors, Spanish, Education
- PETERSON, EMMETT J. (Calif.).....246 House Office Bldg.
 A. B., 1921, George Washington University. *Topics:* Major, Political Science; Minors, History, Commerce
- PHELPS, HAROLD A. (Mass.).....St. Albans School
 A. B., 1920, Brown University. *Topics:* Major, Sociology; Minors, Education, Political Science
- REEVE, FELICIA ANN (D. C.).....3217 19th Street
 A. B., 1917, George Washington University. *Topics:* Major, French; Minors, French, Spanish
- *RENSHAW, ANNIE T. (N. C.).....2109 F Street
 A. B., 1921, George Washington University. *Topics:* Major, Sociology; Minors, Philosophy, English
- RING, GRETCHEN (D. C.).....5521 Potomac Avenue
 A. B., 1920, George Washington University. *Topics:* Major, Sociology; Minors, Sociology, Education
- ROSE, MARY E. (D. C.).....2963 Tilden Street
 A. B., 1921, George Washington University. *Topics:* Major, English; Minors, Education, History
- RUE, HAROLD P. (Pa.).....3020 Dent Place
 A. B., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Geology
- SCOTT, PAULINE (D. C.).....2000 16th Street
 A. B., 1921, George Washington University. *Topics:* Major, Sociology; Minors, Economics, Education
- †SHABSHLOWITZ, THEODORE (N. Y.).....302 M Street
 A. B., 1917, College of City of New York; Rabbi, 1921, Jewish Theological Seminary. *Topics:* Major, Semitics; Minors, Education, Sociology
- SHELLEDY, FREDERICK H. (Mo.).....Hyattsville, Md.
 B. S. in Agri., 1917, Missouri University. *Topics:* Major, Economics; Minor, Commerce
- SHEILHAAS, JOSEPH B. (Ohio).....300 Carroll Street, Takoma Park
 A. B., 1917, Washington Missionary College. *Topics:* Major, Philosophy; Minors, Sociology, English
- *SLIGH, JOHN H. (D. C.).....1709 Q Street
 A. B., 1910, Newberry College. *Topics:* Major, Commerce; Minors, Commerce, Economics
- SLOANE, MRS. ANNA B. (Minn.).....Hotel Burlington
 A. B., 1921, George Washington University. *Topics:* Major, Commerce; Minors, Ethnology, Economics
- SMITH, EDNA S. (Mich.).....311 C Street
 A. B., 1920, George Washington University. *Topics:* Major, Psychology; Minors, English, Sociology
- *SMITH, MARGARET M. (Md.).....Riverdale, Md.
 A. B., 1921, George Washington University. *Topics:* Major, Economics; Minor, History

- SORGEN, EDNA LOUISE (Ohio).....1012 Park Road
A. B., 1918, Oberlin College. *Topics:* Major, English; Minors, English, French
- SPANOGLE, MRS. LELLA WARREN (D. C.).....1756 Columbia Road
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, English, Political Science
- *SPRINGSTON, GEORGE BAILLIE (Ill.).....1758 N Street
A. B., 1921, George Washington University. *Topics:* Major, History; Minors, English, Political Science
- STALLINGS, MILDRED E. (Md.).....108 Tennessee Avenue, N. E.
A. B., 1921, George Washington University. *Topics:* Major, Education
- *STEECE, HENRY M. (S. C.).....1736 G Street
B. S., 1913, Louisiana State University. *Topics:* Major, Commerce; Minor, English
- STEVENS, CHESTER D. (Mass.).....2017 H Street
B. S., 1919, Massachusetts Agricultural College. *Topics:* Major, Economics; Minor, Commerce
- STIRLING, MATTHEW (Calif.).....1929 K Street
A. B., 1920, University of California. *Topics:* Major, Ethnology; Minor, Archaeology
- TERRY, LEO CLAUDE (Pa.).....1733 N Street
A. B., 1916, George Washington University. *Topics:* Major, English; Minor, History
- THOMAS, LISLE (Mich.).....1420 R Street
A. B., 1917, George Washington University. *Topics:* Major, Commerce; Minor, Law
- *TSAI, SHUN-LI (China).....2312 19th Street
A. B., 1919, Peking Government University. *Topics:* Major, Commerce; Minors, Commerce, Philosophy
- UNDERWOOD, M. LOUISE (D. C.).....115 21st Street, S. E.
A. B., 1916, George Washington University. *Topics:* Major, Commerce; Minors, Economics, Sociology
- VAN METER, GARRETT O. (D. C.).....Mt. Alto Hospital
B. S., 1892, Valparaiso University; LL. B., 1894, Indiana Law School. *Topics:* Major, Psychology; Minor, Psychology, Philosophy
- VAN NESS, ETHEL M. (N. J.).....1320 15th Street
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, Sociology, Philosophy
- *VANZEE, LILY (Iowa).....3314 Warder Street
A. B., 1915, Central College. *Topics:* Major, English; Minors, Philosophy, Economics
- VLIET, ANDREW M. (Ind.).....1105 O Street
A. B., 1921, George Washington University. *Topics:* Major, Political Science; Minors, History, Commerce
- VOTAW, HEBER H. (Ohio).....800 Carroll Avenue, Takoma Park
A. B., 1919, George Washington University. *Topics:* Major, Psychology
- WAGNER, HARDESTY E. (Md.).....1720 H Street
A. B., 1921, Washington Missionary College. *Topics:* Major, Education; Minors, Commerce, Philosophy
- †WALKER, SARA LOUISE (Ga.).....1333 Valley Place, S. E.
A. B., 1921, Randolph-Macon College. *Topics:* Major, English; Minors, English, Philosophy
- †WARD, ALINE (S. C.).....Cavanaugh Courts.
A. B., 1914, Hollins College. *Topics:* Major, English; Minors, English, German
- *WASHBURN, RAYMOND (N. Y.).....1736 G Street
B. S., 1912, Cornell University. *Topics:* Major, Economics and Sociology; Minor, Commerce
- *WEBER, ELIZABETH A. (N. C.).....1511 Park Road
A. B., 1915, George Washington University. *Topics:* Major, Political Science; Minors, Political Science, History
- WHEATLEY, MARY E. (Va.).....2138 F Street
A. B., 1920, George Washington University. *Topics:* Major, Political Science; Minors, Education, Psychology
- WHITFORD, BESSIE (D. C.).....3369 18th Street
A. B., 1917, George Washington University. *Topics:* Major, English; Minors, English, Philosophy
- WHITLOCK, CAROLYN (Ind.).....1364 Harvard Street
A. B., 1910, Valparaiso University; B. Pg., 1912, Valparaiso University. *Topics:* Major, English; Minor, History

- WIEHL, DOROTHY G. (Mo.).....1801 I Street
A. B., 1917, University of Wisconsin. *Topics:* Major, Economics; Minor, Philosophy
- WILEY, ARCHER (Utah).....800 L Street
B. S., 1916, Agricultural College, Utah. *Topics:* Major, History; Minor, English
- WILLIS, MRS. VIRGINIA B. (Ala.).....Richmond Hotel
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, Political Science, Spanish
- WOLCOTT, MRS. MARTHENA W. (Wis.).....1234 Crittenden Street
A. B., 1918, University of Wisconsin. *Topics:* Major, English; Minor, Education
- WOLMAN, RENA (Md.).....904 Longfellow Street
A. B., 1921, George Washington University. *Topics:* Major, Psychology; Minors, Psychology, English
- YOUNG, GROVER C. (S. D.).....E. Falls Church, Va.
A. B., 1921, George Washington University. *Topics:* Major, English; Minors, English, Education

MASTER OF SCIENCE

- ALTRUP, FELIX WILLIAM (Va.).....1312 N Street
A. B., 1920, Roanoke College. *Topics:* Major, Chemistry; Minors, Chemistry, Mechanical Engineering
- BARKER, FORREST ALLEN (N. H.).....1420 Webster Street
B. S., 1920, New Hampshire College. *Topics:* Major, Chemistry
- BARNES, JESSE WRIGHT (Calif.).....1029 22d Street
A. B., 1917, University of California. *Topics:* Major, Chemistry; Minors, Astrophysics, Philosophy
- BIRTWELL, BERTHA (D. C.).....123 12th Street
A. B., 1908, George Washington University. *Topics:* Major, Mathematics; Minors, Astrophysics, Education
- BRADLEY, MARY ALICE (Ind.).....1104 M Street
A. B., 1918, Franklin College. *Topics:* Major, Botany; Minors, Botany, Zoology
- BROWN, JOHN STAFFORD (Mo.).....1909 G Street
B. S., 1917, Missouri School of Mines. *Topics:* Major, Geology; Minors, Ethnology, Geology
- BURTON, OLIVER E. (W. Va.).....Mt. Rainier, Md.
A. B., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Mathematics
- BUTKIEWICZ, JOHN K. (D. C.).....1335 H Street
D. D. S., 1916, A. B., 1920, George Washington University. *Topics:* Major, Histology; Minor, Bacteriology
- CARSON, FREDERICK THOMAS (Tex.).....102 Northbrook Courts
A. B., 1915, Simmons College. *Topics:* Major, Chemistry
- COLLINS, RUTH M. (N. H.).....2930 Upton Street
B. S., 1918, Simmons College. *Topics:* Major, Physics; Minors, Physics, Mathematics
- DAVIS, THOMAS ALLAN (D. C.).....635 I Street
B. S. in Eng., 1921, George Washington University. *Topics:* Major, Chemistry; Minors, Chemistry, Geology
- *DURGIN, CHARLES B. (N. H.).....1420 Webster Street
B. S., 1918, New Hampshire College. *Topics:* Major, Chemistry; Minor, Chemistry
- †EISEMAN, JOHN H. (D. C.).....1205 Kenyon Street
B. S., 1921, University of Maryland. *Topics:* Major, Chemistry
- ERNEST, ALGERNON S. (Va.).....Alexandria, Va.
B. S., 1897, Tulane University. *Topics:* Major, Chemistry
- FLURY, HENRY (N. J.).....1917 G Street
B. S., 1912, University of Pennsylvania. *Topics:* Major, Sociology; Minors, Psychology, Ethnology
- FOSTER, MARGARET D. (D. C.).....2112 F Street
A. B., 1918, Illinois College. *Topics:* Major, Chemistry
- GEIST, ROBERT L. (Conn.).....1842 Calvert Street
C. E., 1917, Rensselaer Polytechnic Institute. *Topics:* Major, Chemistry; Minor, Electricity
- GODFREY, CLARENCE M. (D. C.).....225 E Street
A. B., 1921, George Washington University. *Topics:* Major, Physics; Minor, Mathematics
- GREGORY, ROY W. (Va.).....2011 Rodman Street
Chem. E., 1920, University of Virginia. *Topics:* Major, Chemistry; Minor, Applied Mathematics

- GUTHRIE, LEROY R. (Oreg.).....2945 Tilden Street
B. S. in M. E., 1918, Oregon State Agricultural College. *Topics*: Major, Physics; Minors, Mechanical Engineering, Chemistry
- *HAZLEWOOD, FRED (England).....310 R Street
B. S., 1921, Pennsylvania State College. *Topics*: Major, Chemistry; Minors, Chemistry, Sociology
- *HAZEN, WILLIAM (N. Y.).....1320 L Street
B. S., 1913, City College, New York. *Topics*: Major, Bacteriology; Minors, Chemistry
- HOOKE, MILDRED W. (Vt.).....1104 M Street
Ph. B., 1921, University of Vermont. *Topics*: Major, Physics; Minors, Mathematics, Physics
- JINKINS, ROSEWELL (Va.).....1318 Rhode Island Avenue
B. S., 1918, Randolph-Macon College. *Topics*: Major, Chemistry; Minors, Chemistry, Preventive Medicine
- KIMBALL, HERBERT C. (Ill.).....1819 Monroe Street
A. B., 1916, Dartmouth College. *Topics*: Major, Chemistry; Minors, Chemistry, Physics
- MARALDI, CARL F. (Mass.).....1335 H Street
A. B., 1921, George Washington University. *Topics*: Major, Physiology; Minors, Preventive Medicine, Psychology
- MARKS, FRANK HENRY (D. C.).....1440 W Street
B. S., 1921, George Washington University. *Topics*: Major, Chemistry; Minors, Chemistry, Geology
- †MARLOWE, MABEL (Wash.).....1341 S. C. Avenue, S. E.
A. B., 1922, George Washington University. *Topics*: Major, Physics; Minors, Physics, Chemistry
- MARTIN, JAMES BLAINE (Kans.).....1337 L Street
A. B., 1915, Fairmont College, Wichita, Kans. *Topics*: Major, Chemistry; Minors, Physics, Bacteriology
- MARTIN, LEE R. (D. C.).....1730 M Street
B. S., 1921, Virginia Military Institute. *Topics*: Major, Chemistry; Minor, Chemistry
- MATTACK, MARION BROOKS (Fla.).....2106 18th Street
B. S., 1921, University of Florida. *Topics*: Major, Chemistry; Minors, Chemistry, Bacteriology
- *MENGERT, WILLIAM F. (D. C.).....Gallaudet College, Kendall Green
B. S., 1921, Haverford College. *Topics*: Major, Zoology; Minors, Zoology, Chemistry
- MOONEY, RAYMOND (Ill.).....Walter Reed Hospital
B. S., 1916, University of Illinois. *Topics*: Major, Engineering; Minor, Geology
- MOORE, FRANK DEANE (D. C.).....1324 Euclid Street
A. B., 1918, George Washington University; A. M., 1919, George Washington University. *Topics*: Major, Geology; Minors, Chemistry, Ethnology
- MOTTERN, ALBERT JOSEPH (Ohio).....2517 Wisconsin Avenue
A. B., 1921, George Washington University. *Topics*: Major, Chemistry; Minors, Chemistry, Civil Engineering
- MOULTON, STANLEY C. (Va.).....1820 G Street
B. S., 1918, University of Virginia. *Topics*: Major, Chemistry; Minors, Chemistry, Mathematics
- NEUMANN, META A. (D. C.).....449 Irving Street
A. B., 1917, George Washington University. *Topics*: Major, Pathology; Minor, Psychology
- NEWBOLD, PATTY T. (Ky.).....1853 Newton Street
B. S., 1914, University of Chicago. *Topics*: Major, Botany; Minors, Botany, Ornithology
- †PHELPS, MRS. ANNABELLE W. (D. C.).....Wardman Park Hotel
A. B., 1922, George Washington University. *Topics*: Major, Geology; Minors, Geology, Archaeology
- PROBEY, THOMAS F. (D. C.).....3013 Cambridge Place
A. B., 1921, George Washington University. *Topics*: Major, Chemistry; Minors, Chemistry, Preventive Medicine
- *RILEY, ALBERT A. (Ohio).....1760 Euclid Street
B. S., 1921, Phar. D., 1916, George Washington University. *Topics*: Major, Geology; Minors, Geology, Zoology
- RUSSELL, PAUL GEORGE (N. Y.).....3523 Warder Street
A. B., 1916, George Washington University. *Topics*: Major, Botany; Minors, Botany, Paleontology
- RYAN, RICHARD LEE (D. C.).....1215 Euclid Street
A. B., 1920, George Washington University. *Topics*: Major, Chemistry; Minors, Chemistry, Geology

- SCHAEFFER, JACOB M. (D. C.).....7 Oak Place, Bethesda, Md.
 B. S., 1918, George Washington University. *Topics*: Major, Biochemistry;
 Minors, Bacteriology, Preventive Medicine
- SMITH, WILEY C. (Miss.).....1614 Riggs Place
 A. B., 1916, Mississippi College. *Topics*: Major, Chemistry; Minors, Chem-
 istry, Bacteriology
- *SNYDER, CLARENCE LANE (Okla.).....5835 Colorado Avenue
 B. S., 1914, Colorado State University. *Topics*: Major, Chemistry; Minor,
 Chemistry
- SPURR, FRANK A. (Iowa).....2325 14th Street
 B. S. in Chem., 1921, George Washington University. *Topics*: Major, Geol-
 ogy; Minors, Geology, Chemistry
- TAYLOR, JAMES NORMAN (Del.).....2031 F Street
 B. S. in Chem., 1918, George Washington University. *Topics*: Major, Chem-
 istry; Minors, Preventive Medicine, Geology
- THOMAS, CARROLL TRUETT (Va.).....Bureau of Standards
 B. S., 1920, University of Richmond. *Topics*: Major, Chemistry; Minors,
 Chemistry, Mathematics
- TIBBITTS, GORDON C. (D. C.).....321 Essex Avenue, Chevy
 Chase
 B. S. in Chem., 1921, George Washington University. *Topics*: Major, Chem-
 istry; Minors, Chemistry, Astrophysics
- TILTON, LE ROY WILLIAM (Tex.).....917 Longfellow Street
 A. B., 1920, George Washington University. *Topics*: Major, Chemistry;
 Minors, Physics, Mathematics
- *TOLL, INGLEBORO M. (N. Y.).....1340 Randolph Street
 Ph. B., 1919, Brown University. *Topics*: Major, Geology; Minors, Chem-
 istry, Physics
- TONKIN, WILLIAM H. (D. C.).....2121 15th Street
 B. S. in Chem., 1921, George Washington University. *Topics*: Major, Chem-
 istry; Minors, Astro-Physics, Geology
- *VAN ESELTINE, GLEN PARKER (N. Y.).....115 Baltimore Avenue, Ta-
 koma Park
 A. B., 1913, Syracuse University. *Topics*: Major, Botany; Minors, Botany,
 Zoology
- VANICK, JAMES S. (Ohio).....2034 F Street
 B. S., 1917, Case School of Applied Science. *Topics*: Major, Geology
- WHITE, ERNEST C. (Va.).....1740 K Street
 A. B., 1910, Randolph-Macon College. *Topics*: Major, Chemistry; Minors,
 Chemistry, Physics
- WHITTAKER, COLIN (Ill.).....3519 Lowell Street
 A. B., 1919, Fairmont College. *Topics*: Major, Chemistry
- WILLIS, WARREN J. (Minn.).....Patent Office
 Graduate U. S. Naval Academy, 1912, A. B., 1918, A. M., 1919, George
 Washington University. *Topics*: Major, Mathematics; Minors, Electrical
 Engineering, Philosophy
- YOUNG, JAMES L. (D. C.).....26th and G Streets, Chem-
 istry Department
 B. S. in Chemistry, 1917, George Washington University. *Topics*: Major,
 Chemistry; Minors, Chemistry, Physics

CIVIL ENGINEER

- ASMUS, LEWIS DURAND (N. J.).....310 11th Street, N. E.
 B. S. in Civil Engineering, 1918, Drexel Institute. *Topics*: Major, Civil Engi-
 neering; Minors, Geology, Mechanical Engineering

DOCTOR OF PHILOSOPHY

- *ADAMS, JOHN WINFIELD (Md.).....Mt. Rainier, Md.
 B. S., 1915, A. M., 1916, Northwestern University. *Topics*: Major, Commerce;
 Minor, Economics
- ADKINS, HARTWELL STANSBURY (Md.).....642 C Street, N. E.
 A. B., 1908, Washington & Lee; A. M., 1920, George Washington Univer-
 sity. *Topics*: Major, Political Science; Minors, Economics, History
- BAER, JOHN LEONARD (Pa.).....The Maury
 A. B., 1920, M. S., 1921, George Washington University. *Topics*: Major,
 Archeology; Minors, Zoology, Ethnology
- BALL, CHARLES OLIN (D. C.).....1739 H Street
 A. B., 1920, George Washington University. *Topics*: Major, Chemistry;
 Minors, Applied Mathematics, Electrical Engineering

- *BASS, NATHAN WOOD (Kans.).....1114 M Street
B. S., 1917, Kansas Agricultural College; M. S., 1922, George Washington University. *Topics:* Major, Geology; Minors, Geology, Zoology
- BAYLY, MARGARET (D. C.).....1656 Monroe Street
A. B., 1914, A. M., 1916, George Washington University. *Topics:* Major, English; Minors, English, History of Art
- BOWLES, OLIVER (Va.).....Alexandria, Va.
A. B., 1907, A. M., 1908, University of Toronto. *Topics:* Major, Geology; Minors, Geology, Chemistry
- BUCHANAN, RUTH (Pa.).....1822 I Street
B. S., 1919, University of Pittsburg; M. S., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Bacteriology, Preventive Medicine
- *BURTON, MRS. HENRIETTA K. (Wyo.).....1725 17th Street
B. S. T. C., 1915, Columbia University; A. M., 1919, University of Wyoming. *Topics:* Major, Education; Minors, Philosophy, Sociology
- CARR, ELMA B. (Ky.).....Bureau of Labor Statistics
A. B., 1920, A. M., 1921, George Washington University. *Topics:* Major, Economics; Minors, Commerce, Political Science
- CHAPIN, EDWARD ALBERT (Mass.).....1858 B Street, S. W.
Ph. B., 1916, Yale University; M. S., 1917, Massachusetts Agricultural College. *Topics:* Major, Zoology; Minors, Ornithology, Geology
- CORY, ERNEST NEAL (Md.).....College Park, Md.
B. S., 1909, M. S., 1912, Maryland Agricultural College. *Topics:* Major, Zoology; Minors, Zoology, Botany
- COTTON, RICHARD THOMAS (England).....10 Sycamore Street, Takoma Park
B. S., 1914, M. S., 1918, Cornell University. *Topics:* Major, Zoology; Minors, Zoology, Botany
- DANIEL, ROBERT CLINTON (Va.).....2017 H Street
A. B., 1909, Virginia Christian College; A. M., 1921, George Washington University. *Topics:* Major, Economics; Minors, Commerce, Political Science
- DAY, HERBERT E. (D. C.).....8 Kendall Green
A. M., 1900, George Washington University. *Topics:* Major, Education; Minors, History, English
- DYAR, EDNA GERRISH (Minn.).....X-Y Bldg., Govt. Hotels
A. B., 1914, University of Wisconsin. *Topics:* Major, Pathology; Minors, Pathology, Psychology
- GERSDORFF, WILBUR AUGUST (D. C.).....1825 North Capitol Street
B. S., 1918, M. S., 1920, George Washington University. *Topics:* Major, Geology; Minors, Paleontology, Zoology
- *GIDLEY, JAMES WILLIAMS (D. C.).....1339 Meridian Place
B. S., 1898, M. S., 1901, Princeton University. *Topics:* Major, Geology; Minors, Geology, Zoology
- *GRAHAM, JAMES J. T. (Md.).....9 Avon Avenue, Hyattsville, Md.
B. S., 1906, M. S., 1917, Maryland State Agricultural College. *Topics:* Major, Chemistry; Minors, Chemistry, Astrophysics
- GRANT, DUDLEY HOPKINS (Ohio).....1495 Newton Street
B. S., 1914, University of Chicago; M. S., 1917, George Washington University. *Topics:* Major, Chemistry; Minors, Preventive Medicine, Geology
- GRAVATT, GEORGE F. (Md.).....5 Leland Street, Chevy Chase, Md.
B. S., 1911, M. S., 1912, Virginia Polytechnic Institute. *Topics:* Major, Botany; Minors, Bacteriology, Zoology
- GREENLEAF, WALTER JAMES (Me.).....1012 17th Street
A. B., 1912, Bowdoin College; A. M., 1918, Princeton University. *Topics:* Major, Psychology; Minors, Psychology, Physiology
- GRIFFIN, EDWARD LAWRENCE (D. C.).....229 Rock Creek Church Road
A. B., 1911, B. S., 1912, M. S., 1913, University of Kansas. *Topics:* Major, Chemistry; Minors, Chemistry, Bacteriology
- HAMILTON, BONIFANT (D. C.).....3135 24th Street, N. E.
B. S., 1918, M. S., 1920, George Washington University. *Topics:* Major, Chemistry; Minors, Electro-Chemistry, Bacteriology
- HAYES, MURRAY OSWALD (Utah).....719 A Street, N. E.
A. B., 1914, Brigham Young University; M. S., 1920, George Washington University. *Topics:* Major, Geology; Minors, Geology, Zoology
- HENRY, JERRY MAURICE (Va.).....337 North Carolina Avenue
A. B., 1909, Bridgewater College; A. M., 1919, George Washington University. *Topics:* Major, History; Minors, History, Education

- HODGKINS, GEORGE WILSON (D. C.).....1821 Kalarama Road
A. B., 1915, George Washington University; A. M., 1916, George Washington University. *Topics*: Major, Education; Minors, Economics, History
- HOLMES, GRACE B. (D. C.).....721 Shepherd Street
B. S., 1919, University of Maryland. *Topics*: Major, Botany; Minors, Botany, Geology
- HUTCHINSON, MILDRED (Mass.).....1878 Phelps Place
A. B., 1915, Smith College. *Topics*: Major, Spanish; Minor, French
- KEENAN, GEORGE LAWRENCE (Mich.).....1337 Taylor Street
B. S., 1911, A. M., 1912, University of Michigan. *Topics*: Major, Mineralogy; Minors, Botany, Chemistry
- KEPAUVER, HARRY J. (Md.).....2107 H Street
A. B., 1900, A. M., 1901, University of Maryland. *Topics*: Major, Education; Minors, Education, Psychology
- KUPJIAN, GABRIEL (N. Y.).....Takoma Park, D. C.
A. B., 1920, Washington Missionary College; A. M., 1921, George Washington University. *Topics*: Major, Psychology; Minors, Psychology, Philosophy
- *LIJENCRAANTS, CARL JOHAN E. (D. C.).....727 5th Street
A. M., 1913, Loyola College; S. T. B., 1915; S. T. D., 1918, Catholic University. *Topics*: Major, Psychology; Minors, Psychology, Psychiatry
- LOWE, EDITH B. (D. C.).....2622 Woodley Place
A. B., 1911, A. M., 1912, George Washington University. *Topics*: Major, English; Minors, Archaeology, History
- LUGINBILL, PHILIP (S. C.).....Bureau of Entomology
B. S. A., 1910, Ohio State University; A. M., 1917, University of South Carolina. *Topics*: Major, Zoology; Minors, Botany, Zoology
- MCARTHUR, LOUIS EUGENE (Utah).....2112 F Street
B. Pd., 1897, Brigham Young University; A. B., 1916, A. M., 1917, George Washington University. *Topics*: Major, Political Science; Minors, History, Economics
- MAHR, ERNEST FREDERICK (N. Y.).....113 B Street, S. E.
B. S., 1917, Syracuse University. *Topics*: Major, Pathology; Minors, Pathology, Psychology
- MEISINGER, CLARENCE LE ROY (Neb.).....3331 Stephenson Place,
Chevy Chase
B. Sc., 1917, University of Nebraska; M. S., 1920, George Washington University. *Topics*: Major, Meteorology; Minors, Meteorology, Astrophysics
- MELCHER, ARLES FRANCIS (Ill.).....4115 Emery Place
B. S., 1907, M. S., 1909, Central College, Fayette, Mo. *Topics*: Major, Geology; Minors, Mineralogy, Physics
- MURMAN, JOHN CHARLES (D. C.).....1701 Park Road
A. M., 1916, George Washington University. *Topics*: Major, Education; Minors, Education, Sociology
- MUHL, ANITA MARY (Ind.).....St. Elizabeth's Hospital
B. S., 1918, M. D., 1920, Indiana University. *Topics*: Major, Psychopathology; Minors, Psychiatry, Psychopathology
- O'ROUKE, LAWRENCE JAMES (Wis.).....1800 Virginia Avenue
A. B., 1915, Lawrence College. *Topics*: Major, Psychology; Minors, Psychopathology, Education
- PIERCE, ROY GIFFORD (Neb.).....6813 5th Street, Takoma
Park
A. B., 1907, B. S., 1907, University of Nebraska; M. S., 1908, University of Michigan. *Topics*: Major, Botany; Minors, Botany, Zoology
- RAINE, WENDELL PHILLIPS (D. C.).....1731 S Street
B. S. in E. E., 1907, A. M., 1911, University of Pennsylvania. *Topics*: Major, Commerce; Minors, Political Science, Sociology
- RIPPENBURG, HARRY B. (D. C.).....The Northumberland
A. B., 1915, A. M., 1917, University of Denver. *Topics*: Major, Chemistry; Minors, Chemistry, Physics
- ROE, JOSEPH HYRAM (Va.).....1335 H Street
A. B., 1916, Roanoke College; A. M., 1917, Princeton University. *Topics*: Major, Chemistry; Minors, Chemistry, Physiology
- ROSS, CECIL LYLEL (D. C.).....618 22d Street
A. B., 1918, Washington Missionary College; A. M., 1921, George Washington University. *Topics*: Major, Education; Minors, History, Psychology
- SAUNDERS, ELEANORA BENNETTE (S. C.).....Sheppard Hospital, Baltimore
B. S., 1901, Chicago College; M. D., 1907, Medical College of South Carolina. *Topics*: Major, Psychology; Minors, Psychology, Psychiatry
- SCHMITT, WALDO LASALLE (D. C.).....2233 18th Street
B. S., 1913, George Washington University; A. M., 1916, University of California. *Topics*: Major, Zoology; Minors, Zoology, Paleontology

- *SMITH, CHARLES M. (D. C.).....309 Tennessee Avenue, N. E.
B. S. in Chem., 1910, University of Pennsylvania. *Topics:* Major, Chemistry; Minors, Chemistry, Physics
- STEVENSON, JOHN ALBERT (Porto Rico).....4113 Emery Place
B. S. in Forestry, 1912, University of Minnesota. *Topics:* Major, Botany; Minors, Botany, Zoology
- TICE, REBECCA E. (Pa.).....N-O Bldg., Govt. Hotels
B. S., 1916, Albright College. *Topics:* Major, Pathology; Minors, Pathology, Psychology
- WINTER, FRANKLIN I. (Mich.).....910 Maryland Avenue, N. E.
A. B., 1913, Colgate University. *Topics:* Major, Philosophy; Minors, Ethics, History
- WRIGHT, GRACE VIOLA (D. C.).....The Montgomery
A. B., 1919, A. M., 1920, George Washington University. *Topics:* Major, Psychology; Minors, Psychology, Philosophy
- YEN, EN TSUNG (China).....2015 19th Street
A. B., 1918, Shanghai Baptist College; A. M., 1920, George Washington University. *Topics:* Major, Political Science; Minors, History, Philosophy

COLUMBIAN COLLEGE

Bachelor of Arts

- | | | |
|-------------------------------------|--------|--|
| Abel, Mary E. (IV, 82) | III. | 1223 Vermont Avenue |
| Abramson, Bertha A. (II, 0) | D. C. | 801 Fern Place |
| Abramson, Herbert (II, 21) | D. C. | 801 Fern Place |
| †Adams, Harry K. (II, 47) | S. C. | Takoma Park, Box 4248 |
| Alken, Carolyn Bacome (II, 99) | Tenn. | 1824 California Street |
| Aiken, Sam Bacome (II, 109) | Tenn. | 1824 California Street |
| †Albright, Robert C. (II, 0) | D. C. | 2203 1st Street |
| Alexander, Augusta (II, 0) | D. C. | 2032 15th Street |
| Alexander, Mabel C. (III, 78) | Wash. | 1320 15th Street |
| Alexander, Maxie M. (I, 108) | N. C. | 815 Connecticut Avenue |
| Alexander, Susan (IV, 28) | Ill. | R-S Bldg., Government Hotels |
| Alford, Charles C. (IV, 21) | Texas | 917 18th Street |
| *Alseen, Myrtle F. C. (IV, 114½) | Minn. | 146 Meridian Place |
| Alsop, Nellie (IV, 101) | Tex. | 1349 Girard Street |
| Alsop, Pattie (IV, 0) | D. C. | 1349 Girard Street |
| Amelung, Mina C. (I, 30) | Ohio | 3439 14th Street |
| Ames, Mary Olive (II, 75) | D. C. | 1409 21st Street |
| †Anderson, Rev. Soren C. (II, 90) | D. C. | 1704 Y. M. C. A. |
| Anderson, Aleatha (V, 56) | W. Va. | 707 20th Street |
| *Anderson, Edith A. (IV, 53½) | Ill. | Care Swedish Legation |
| *Anderson, Marjorie (II, —) | Kans. | G-H Bldg., Government Hotels |
| Anderson, Nell T. (II, 66) | D. C. | 1534 16th Street |
| Anderson, Thomas M. (II, 4) | Md. | Rockville, Md. |
| Ashford, Alice M. (II, 83) | N. Y. | 924 C Street N. E. |
| Atkins, Craig S. (III, 28 2-3) | D. C. | 1211 K Street |
| Atkins, Kathleen E. (II, 29) | D. C. | 1211 K Street |
| Atkinson, Phyllis L. (II, 0) | Colo. | 6508 Ridgewood Place, Chevy Chase, Md. |
| Austin, Violet K. (II, 39) | Md. | 122 Willow Avenue, Takoma Park, Md. |
| Ayres, Margaret (II, 94) | D. C. | The Portner |
| Ayres, Pauline (II, 0) | D. C. | The Portner |
| Bailey, Marion V. (IV, 12) | D. C. | 1439 Fairmont Street |
| †Bailey, W. Worth, Jr. (II, 7) | Pa. | 338 Maryland Avenue N. E. |
| *Baines, Thelma A. (IV, 0) | D. C. | 1743 18th Street |
| Baker, Courtland D. (II, 72) | W. Va. | 2153 Mt. Pleasant Street |
| Baker, Perry R. (IV, 27½) | Mo. | 4820 Iowa Avenue |
| Baker, Robert A. (IV, 0) | Fla. | 423 10th Street |
| †Baldwin, Alice (II, 60) | D. C. | The Argyle |
| *Ball, Virginia Shanabarger (II, 0) | W. Va. | Morgantown, W. Va. |
| Baltzell, George F., Jr. (II, 0) | D. C. | 1731 Columbia Road |
| *Barksdale, Alice A. (II, 38) | D. C. | 1317 Kenyon Street |
| Barlow, R. Geraldine (IV, 43) | D. C. | 3495 Holmead Place |
| *Barr, Mary F. (III, 0) | D. C. | 1817 1st Street |
| Barrow, Mary G. (II, 24) | D. C. | 1013½ I Street N. E. |
| Bartholomew, Wilmer T. (III, 44) | D. C. | 1209 Crittenden Street |
| Bartley, Dorothy V. (II, 0) | D. C. | 114 W. Clifton Terrace |

- Bassler, Robert S. (II, 0)
 Bauer, Emma B. (IV, 39)
 Baumonk, Ross S. (III, 161)
- Bayne, Hazel M. (II, 12)
 Beach, Jessie G. (II, 99)
 *Beall, Dorothy J. (IV, 0)
 Beall, Isaac N. (III, 84)
 Becker, Ferdinand E. (II, 37)
 Becker, William S. (VI, 34)
 *Beckett, Edgar Wells (II, 148)
 *Beech, Rozier J. (VI, 30)
 Begg, F. Eleanor (II, 0)
 Behne, Joe C. (IV, 134)
 Behne, Thomas D. (IV, 130)
 Bender, Iva Allen (II, 0)
 Bender, Leo (IV, 33)
 Benfer, Mary C. (II, 62)
 Bennett, Ava L. (II, 60)
 *Bent, Dorothy E. (II, 0)
 Bergman, Gertrude (IV, 115)
 Bergner, Gretchen A. (IV, 12)
 *Berlin, Charles K. (VI, 0)
 Berliner, Alice E. (IV, 90)
 Berry, Elizabeth M. (II, 0)
 Berry, Ivan D. (IV, 0)
 Berryman, Florence S. (II, 42)
 Berryman, James T. (II, 21)
 †Bertenshaw, John E. (VI, 0)
 *Betha, Liston P. (VI, 0)
- Bettes, Ernest A. (IV, 0)
 *Bibbins, Mrs. Vivian L. (III, 0)
 Bidwell, Mary E. (II, 0)
 Bigler, Pearl E. (IV, 0)
 *Birch, Florence W. (II, 0)
 Bischoff, Anna M. (II, 13)
 Bixler, Mary E. (II, 0)
 Black, Irvine (IV, 20)
 *Black, Owen (IV, 104)
 Blake, Nelson M. (I, 36)
 Bleker, Ross F. (V, 98½)
 Bluehorn, William R. (VI, 0)
 Blum, Jeannette F. (IV, 80)
- Boardman, Leona (III, 64½)
 Bock, Ruth (II, 0)
 Bogardus, Hester M. (II, 20½)
 Bolton, Robert M. (IV, 0)
 Bond, Samuel H. (IV, 51)
 Booth, Nina M. (II, 0)
 Borden, Hazel A. (III, 8)
 Bowen, George L. (V, 105)
 Bowen, Hilda C. (III, 83)
- Bowen, James H. (IV, 0)
 Bowen, Mary E. (II, 6)
 Bowle, Margaret L. (IV, 0)
 Bowker, Marian (II, 30)
 Box, Mary M. (IV, 105)
 Boyd, James I. (V, 82)
 *Boyd, Kenneth W. (III, 6)
 Bracken, Dwight C. (IV, 61)
 Braden, Mozelle E. (II, 78)
 Bradford, Elizabeth H. (II, 0)
 Bradford, Florence M. (II, 77)
 *Bradley, Guy F. (IV, 0)
 †Bradley, Henry G. (V, 0)
 Bradshaw, Max A. (III, 62)
- Bryant Street
 A-B Bldg., Government Hotels
 303 East John Street, Cham-
 paign, Ill.
- 1860 Ingleside Terrace
 U. S. National Museum
 2016 Hillyer Place
 176 Uhland Terrace
 323 2d Street S. E.
 4008 14th Street
 710 Quincy Street
 1662 Park Road
 Fontanet Courts
 Y. M. C. A.
 Y. M. C. A.
 1104 M Street
 Silver Spring, Md.
 3009 17th Street N. E.
 U. S. National Museum
 1801 K Street
 1824 Biltmore Street
 1432 F Street N. E.
 The Ontario Apartment
 1458 Columbia Road
 1733 Columbia Road
 1763 P Street
 1754 Euclid Street
 1754 Euclid Street
 Akron Apartments
 411 Cummings Lane, Chevy
 Chase, Md.
 1312 N Street
 2301 Connecticut Avenue
 1245 Everts Street N. E.
 X-Y Bldg., Government Hotels
 1635 R Street
 Cherrydale, Va.
 821 Massachusetts Avenue N. E.
 1758 N Street
 George Washington Inn
 1736 G Street
 1139 New Hampshire Avenue
 43 W Street
 3638 Nichols Avenue, Congress
 Heights
 1220 North Carolina Avenue
 Conduit Road
 McLean, Va.
 3418 13th Street
 1205 15th Street
 2101 G Street
 1501 Farragut Street
 1829 19th Street
 6 W. Melrose Street, Chevy
 Chase, D. C.
 1654 Hobart Street
 1654 Hobart Street
 3702 Keokuk Street
 127 Rock Creek Church Road
 1313 Kennedy Street
 1755 Church Street
 1441 Chapin Street
 Kendall Green, D. C.
 4002 Kansas Avenue
 140 Rhode Island Avenue
 Hyattsville, Md.
 3320 16th Street
 213 C Street S. E.
 18 Hickory Avenue, Takoma
 Park, Md.
 Gordon Hotel
 1812 K Street
 2011 F Street

- Brethorst, Lydia (II, 28)
 Brewer, Margaret G. (II, 75)
 Bridges, Ildria (IV, 64½)
 *Bright, Daisy (IV, 22)
 †Brillhart, Lena P. (II, 30)
 Britten, Marion H. (IV, 66)
 Brookley, Lora (II, 10)
 Brooks, Janiero V. (II, 21)
 *†Brooks, W. Alton (III, 0)
 Brown, Chauncey L. (III, 62)
 Brown, Doris A. (III, 0)
 Brown, Earl (VI, 63)
 Brown, Erma (II, 106)
 *Brown, Etta M. (III, 0)
 Brown, Frances I. (II, 18)
 Brown, Francis W. (IV, 31½)
 Brown, Georgia M. (III, 114)
 Brown, Linus D. (III, 95)
 Brown, Mary A. (IV, 39)
 Brown, Omar J. (IV, 18)
 Browne, Mary M. (II, 30)
 *†Browning, Rosemary (III, 9)
 Bruner, Kenneth H. (IV, 27)
 *Bruno, Emilia M. (II, 25)
 Bryan, H. Eugene (IV, 0)
 Bryant, Katherine G. (II, 27)
 Buchalter, Sarah (II, 0)
 †Buckheister, George G. (IV, 0)
 Bunch, Dollie M. (II, 4)
 Buntin, E. Isabel (I, 0)
 *Burgess, Jeannette C. (II, 0)
 Burgess, Sabra O. (IV, 20)
 *Burns, Howard E. (IV, 0)
 Bursley, Harry C. (VI, 15)
 Burton, Mrs. Elizabeth D. (IV, 0)
 *Burton, William C. (IV, 32)
 Buschman, Kenneth J. (II, 0)
 Bush, Grace (II, 0)
 Bush, Henry C. (IV, 80)
 Bushong, L. D. (IV, 26)
 Butkiewicz, Mrs. Eugenia (II, 80)
 *Butrick, Richard P. (VI, 57)
 *Butterfield, Blanche (IV, 0)
 Byars, Joseph C., Jr. (II, 87)
 Caldwell, Millard L. (III, 49)
 *Campaign, Harry J. (VI, 57)
 Campbell, Dorothea (II, 0)
 Campbell, Elstun James (II, 0)
 Campbell, Gretchen (II, 0)
 Campbell, Lois E. (II, 54)
 *Canfield, K. E. (IV, 15)
 Cantrell, William C. (V, 120)
 Carle, Herbert M. (IV, 104½)
 Carlton, Marguerite S. (II, 36)
 *Carpenter, Stewart G. (II, 0)
 Carr, Margaret J. S. (II, 3)
 Carroll, Ellen Lee (I, 111½)
 *Carruthers, Margery (II, 0)
 Carver, Lynda M. (IV, 32)
 Casanges, Alexander (IV, 12)
 Caso, Valentino (V, 63)
 Castle, Wanda R. (IV, 74)
 *Castleman, Frances F. (II, 3)
 Caton, Margaret B. (II, 13½)
 Cavanaugh, Frank J. (I, 108)
 Cerceo, Alfred (II, 4)
 Cerceo, A. Victor (II, 53)
 Chaloner, Cathryn (II, 12)
 Chan, Im-Hing (IV, 102)
 Wash. 2006 G Street
 Md. College Park, Md.
 Ill. 2506 K Street
 Miss. 1824 H Street
 D. C. 2550 14th Street
 Md. Riverdale, Md.
 Ohio 2004 G Street
 D. C. 4112 Ingomar Street, Chevy Chase, D. C.
 Pa. Farnsboro Apartments
 Maine 2807 26th Street
 Mo. 1622 19th Street
 D. C. 1916 F Street
 Mo. Cavendish Apartments
 Nebr. 918 M Street
 D. C. 4606 15th Street
 D. C. 214 13th Street N. E.
 Minn. 531 12th Street S. E.
 D. C. 57 Bryant Street
 D. C. 4606 15th Street
 N. C. 1327 Irving Street
 D. C. 2726 Connecticut Avenue
 D. C. 3300 Newark Street
 Ind. 519 Harvard Street
 D. C. 1468 Monroe Street
 Ohio 1508 Park Road
 D. C. 304 Rittenhouse Street
 D. C. 1128 N. Capitol Street
 Md. 1733 N Street
 D. C. 1404 L Street
 D. C. 53 Cedar Street, Takoma Park
 D. C. 628 B Street N. E.
 Ind. 2124 P Street
 Colo. 1011 M Street
 D. C. 4910 Arkansas Avenue
 D. C. 224 11th Street S. E.
 D. C. 424 8th Street N. E.
 Minn. 1312 N Street
 D. C. 922 F Street N. E.
 Ind. 1312 N Street
 Va. 2201 K Street
 D. C. 1335 H Street
 N. Y. 3617 Hall Place
 Ohio T-U Bldg., Government Hotels
 Va. Arlington, Va.
 Va. Clarendon, Va.
 Wis. 3320 16th Street
 W. Va. 1869 Mintwood Place
 Colo. 802 21st Street
 Pa. 5611 14th Street
 Pa. 5611 14th Street
 D. C. 1223 Vermont Avenue
 Texas 727 20th Street
 Ohio 2300 18th Street
 D. C. 3724 Northampton Street
 D. C. X-Y Bldg., Government Hotels
 Md. 3101 13th Street
 Miss. 30th and Gates Road
 D. C. 200 N. Columbus Street, Alexandria, Va.
 D. C. 204 E. Capitol Street
 N. Y. 1417 K Street
 Texas 1747 F Street
 Va. E. Falls Church, Va.
 Va. 224 S. Washington Street, Alexandria, Va.
 N. Y. 2011 F Street
 N. Y. 1103 E Street
 D. C. 110 E Street
 Ill. 1499 Irving Street
 China 306 9th Street

- Chapman, Mrs. Elsie F. (II, 0)
†Chapman, Roberta (II, 0)
Chappell, William H. (IV, 0)
Chastain, Louis P. (II, 67½)
Chatfield, Helen L. (III, 6)
*Chesley, Willoughby S., Jr. (VI, 0)
*Chesney, Lee R. (IV, 0)
Chickering, Elizabeth E. (V, 62)
Chisholm, Catherine (II, 35½)
Churchman, H. Clarence (IV, 57)
Clark, Elizabeth H. (II, 20)
- *Clark, Frank M. (IV, 0)
Clark, Ruth M. (II, 3)
Clark, Waldo A. (VI, 89)
Clarke, Anna P. (IV, 0)
Clarke, Cornelia P. (II, 33)
*Clarkson, Eleanore M. (II, 0)
Clay, Harry A. (V, 36)
*Cleary, William C. (III, 0)
- Clephane, Douglas W. (IV, 0)
Cline, Robert C. (IV, 54)
Coakley, Walter F. (III, 24)
Coe, Allen C. (IV, 0)
Coleman, Charles H. (IV, 46)
Colfesh, Robert W. (IV, 78)
Collins, Mrs. Alfreda G. (IV, 0)
*Colston, William A. (III, 0)
Colvin, Paul A. (IV, 0)
Comfort, Helen L. (II, 6)
Comley, Thelma M. (II, 0)
*Conard, James R. (VI, 0)
Connolly, Charles R. M. (IV, 0)
*Connolly, John Alfred (II, 17)
Cook, Charles M. (IV, 14)
Cook, Elizabeth M. (II, 0)
Cook, Hildreth H. (II, 9)
Cook, James W. (III, 11)
Cooper, June (III, 0)
- *Cooperman, Harriet (IV, 114½)
Copping, Victoria P. (II, 0)
Corbin, Bartley (IV, 72)
Corey, Hilda I. (II, 28)
*Corey, Mrs. Nellie G. (II, 39)
Corey, Wilbur L. (V, 64)
Cotter, Virginia (III, 17)
*Couture, Mildred L. (II, 70)
Cox, Carrie J. (II, 90)
*Cox, Eugene S. (IV, 32)
Crain, Newell B. (III, 80½)
Cramer, Alma H. (VI, 36)
Cramer, Mary A. (VI, 0)
Craven, Robert (VI, 0)
Creswell, G. William (V, 87)
*Crockatt, Ann Lucile (II, 12)
Crofton, George H. (III, 42)
*Cromwell, Virginia R. (II, 6)
Cullen, Ruth Wheeler (II, 42)
Culver, David J. (IV, 63)
Cummings, Anna L. (II, 0)
Cummins, Effie R. (II, 9)
Cunningham, Elfa (II, 0)
Curran, Raymond H. (IV, 72)
Cushard, William G. (V, 34)
Cushman, Alice W. (II, 0)
- Wash. 2016 P Street
Va. East Falls Church, Va.
Miss. 4418 15th Street
Pa. Hyattsville, Md.
D. C. 1420 21st Street
D. C. The Rochambeau
D. C. 4440 Kansas Avenue
N. H. 1101 K Street
Md. Garrett Park, Md.
Iowa 410 Senate Office Bldg.
Va. 2 Mt. Vernon Avenue, Alex-
andria, Va.
- D. C. 2016 P Street
D. C. 704 A Street N. E.
D. C. 1778 Lanier Place
Md. Hyattsville, Md.
Md. Hyattsville, Md.
D. C. 1235 11th Street
Pa. The Madeira
N. Y. Apostolic Mission House, Brook-
land, D. C.
- Md. Chevy Chase, Md.
Va. Indian Office, Dept. of Interior
Ohio 2018½ H Street
Md. Beltsville, Md.
D. C. 1919 H Street
Iowa Y. M. C. A.
Kans. 1524 28th Street
D. C. The Cairo
Va. 1104 Interstate Com. Bldg.
Md. 1722 Euclid Street
Va. Cherrydale, Va.
D. C. 1445 Massachusetts Avenue
Mass. 1750 Massachusetts Avenue
Mass. 1750 Massachusetts Avenue
D. C. 1110 Park Road
Pa. George Washington Inn
Ga. 411 4th Street
D. C. 213 2d Street S. E.
D. C. 508 Warwick Place, Chevy
Chase
- Iowa 1811 Adams Mill Road
D. C. 1632 17th Street
Ala. 1736 G Street
N. H. 1326 E. Capitol Street
D. C. 505 Equitable Building
N. Y. 816 14th Street
Md. Bu. Plant Life, Dept. of Agric.
N. H. 1200 18th Street
Ohio E-F Bldg., Government Hotels
Wash. 1758 N Street
Texas Patent Office
D. C. 2036 1st Street
D. C. 2036 1st Street
D. C. 1771 Church Street
Md. 1758 N Street
Mich. 163 U Street N. E.
D. C. 2144 F Street
Ky. 1812 N Street
Ill. A-B Bldg., Government Hotels
D. C. 1135 Allison Street
Ill. 2003 I Street
Ill. 1320 15th Street
W. Va. 527 21st Street
Maine 1430 Rhode Island Avenue
D. C. 42 Channing Street
Md. 24 Syracuse Avenue, Takoma
Park, Md.
- Mich. 3122 Warder Street
Ga. 1521 Caroline Street
D. C. 2139 N Street
Iowa 15 R Street
- Dahlberg, Nan A. (II, 4½)
*Dalton, Bessie (II, 0)
Daly, Marguerite M. (IV, 0)
Darby, Roy T. (IV, 47½)

- Daugherty, Jesse Claude (IV, 0)
 †Davis, Frances J. (II, 0)
 Davis, Hazel J. (II, 24)
 *Davis, Margaret Quinlan (V, 83½)
 Davis, Newell B. (III, 136)
 Davis, Ruth (II, 12)
 Davis, Thomas J., Jr. (IV, 66)
 Dean, Minnie F. (II, 98)
 *Dean, Waiva (III, 120)
 †Deardorff, Charles L. (V, 14)
 Deaton, Linda (II, 65 1-3)
 *de Brodes, Pauline (II, 45)
 De Grange, Frances E. (II, 58)
 Dehler, Alma P. (III, 83)
 Dehler, Carnegie B. (IV, 0)
 De Lacy, Anne (II, 0)
 Delawder, John L. (III, 56½)
 *Dement, Charles W. (IV, 14½)
 Denison, Abraham R. (V, 90)
 *Derrick, Howard L. (IV, 0)
- De Souza, Daniel Arthur (IV, 34)
 Devitt, G. R., Jr. (III, 0)
 De Voe, Winifred (II, 27)
 Dixon, Laura M. (VI, 10)
 Dixon, Lester E. (VI, 33)
 Dobkin, William W. (VI, 18)
 Dodd, Elizabeth G. (IV, 3)
 Dodek, Oscar I. (IV, 12)
 Dodek, Samuel M. (V, 66)
 †Donaldson, Claude C. (III, 102)
 Don Leavy, Mary A. (II, 51)
 *Donnolly, Paul Andrew (VI, 0)
 Donohoe, Helen M. (II, 0)
 *Donovan, Mrs. Katherine M. (IV, 123)
 Doody, M. Louise (II, 0)
 Doran, Sarah L. (II, 8)
 Doremus, Robert E. (IV, 26)
 Dortch, Jane M. (VI, 21)
 †Dougherty, Dorothy (II, 3)
 *Doughton, J. Horton (VI, 0)
 Douglas, Elsie Y. (IV, 92)
 *Douglass, Eugene D. (III, 0)
 Douds, Carl F. (IV, 94)
 Drew, Alice E. (V, 36)
 Drew, Marietta E. (III, 28)
 Droll, Sophia R. (II, 9)
 *Drown, Marion J. H. (II, 103)
 Dubois, Margaret T. (II, 32)
 *Duggan, Sam M. (IV, 0)
 *Dulligan, James F. (IV, 96)
 Dunham, Martha D. (II, 9)
 Dutton, Lillian B. (IV, 0)
- †Eanet, Paul (II, 76)
 Earnest, Elizabeth (II, 99)
 Earnshaw, Eleanore A. (II, 56)
 Earnshaw, Samuel W. (IV, 55)
 Eckel, Arthur F. (III, 94)
 Eckert, Esther A. (II, 41)
 Edmonston, Katharine V. (II, 0)
 Edmonston, Martha L. (II, 0)
 Edwards, Philip C. (I, 0)
 *Ehle, Doris L. (II, 0)
 Elliott, Edith L. (II, 55)
 Elliott, George E. (VI, 30)
 Ensign, Cornelia (II, 118)
 Erbach, Amalia Marie (II, 24)
 Eshelman, Edith C. (VI, 27)
 Espey, Anna Louise (II, 30)
 Evans, Clara Ruth (III, 0)
 *Evans, James W. (VI, 0)
- Ind. Evening Star Building
 D. C. 2915 14th Street
 D. C. 2915 14th Street
 N. Y. 1330 L Street
 Fla. 2106 18th Street
 Kans. 124 3d Street N. E.
 Ga. 1312 N Street
 D. C. The Woodley, No. 706
 Ore. 1937 Park Road
 Pa. Farnsboro Apartments
 Ohio 315 John Marshall Place
 D. C. The Portner
 D. C. 25 U Street N. E.
 D. C. The Woodley
 D. C. 2407 Irving Street N. E.
 Md. 4 W. Kirke Street, Chevy Chase
 D. C. 1730 M Street
 D. C. 1348 Parkwood Place
 D. C. 1301 K Street
 Md. 14 Poplar Avenue, Takoma Park, Md.
- Jamaica 1827 Park Road
 Va. West Falls Church, Va.
 D. C. 1347 Otis Place
 N. Dak. 1104 M Street
 N. Y. 1618 H Street
 D. C. 141 Uhland Terrace N. E.
 D. C. 314 E. Capitol Street
 D. C. 1319 Emerson Street
 D. C. 1319 Emerson Street
 Texas Y. M. C. A.
 Vt. 1502 Park Road
 D. C. Walter Reed Hospital
 D. C. 1151 New Jersey Avenue
 D. C. 1108 6th Street
- N. Y. 1511 22d Street
 N. Y. X-Y Bldg., Government Hotels
 D. C. 1842 Calvert Street
 D. C. 1510 Park Road
 N. Y. 1474 Clifton Street
 D. C. 202 Clifton Terrace, South
 Fla. 2129 G Street
 Texas Walter Reed Hospital
 Ohio 1430 Rhode Island Avenue
 Fla. 1922 Belmont Road
 Fla. 1922 Belmont Road
 Ohio 714 19th Street
 D. C. 1027 12th Street
 Idaho The Cairo
 Ga. 1300 Massachusetts Ave.
 Mass. 1023 16th Street
 D. C. 1628 Columbia Road
 D. C. 912 Kennedy Street
- D. C. 352 I Street S. W.
 D. C. 2123 N Street
 D. C. 806 D Street S. E.
 D. C. 806 D Street S. E.
 Ill. Bureau of Standards
 D. C. 3042 Newark Street
 D. C. 4817 Conduit Road
 D. C. 1441 Fairmont Street
 D. C. 4403 Iowa Avenue
 Va. Fort Myer, Va.
 D. C. 1006 B Street N. E.
 D. C. 1320 21st Street
 Ga. 1906 Florida Avenue
 D. C. 713 Massachusetts Avenue N. E.
 D. C. 2033 Park Road
 D. C. 2010 1st Street
 D. C. 634 E. Capitol Street
 Md. Hyattsville, Md.

- Evans, Leland M. (V, 93)
 Evans, Walter O. (IV, 70)
 Ewell, Agnes C. (V, 85)
 Exley, Clarence M., Jr. (IV, 12)
 Fahlbusch, Martha M. (II, 0)
 †Falorsi, Theodosia H. (II, 81)
 Faries, John S. (III, 23)
 Farnham, Lillian P. (II, 18)
 *Farwell, Ada W. (II, 0)
 Feaster, Madge S. (II, 0)
 *Feelemyer, Christine (II, 2)
 Feldman, Richard L. (V, 114)
 Felitti, Vincent J. (V, 79)
 †Felstein, David (IV, 0)
 Fenton, Anna B. (IV, 97½)
 Ferebee, Cora B. (II, 29)
 *Ferneynough, Fannie A. (II, 0)
 Field, Hilda M. (II, 0)
 *Finley, Mary E. (II, 30)
 Fisher, Dale D. (VI, 0)
 Fisher, O. Edward (IV, 6)
 Fitzgerald, Francis J. (VI, 32)
 Flaake, Frances G. (IV, 40½)
 Flack, Herron Thomas (III, 96)
 Flisher, Leonora V. (II, 29)
 Fly, W. Graham (VI, 0)
 Foley, Albert J. (IV, 0)
 *Foley, John Paul (IV, 0)
 Foley, William E. (III, 30)
 Pollett, Mrs. Beatrice H. (II, 97)
 Folse, Lenard Roy (IV, 39)
 Foreman, Genevieve M. (II, 45)
 Fort, John E. (IV, 0)
 Fortna, Marie (III, 25)
 Foster, Frances B. (II, 59)
 Foster, Margaret B. (IV, 0)
 Foster, Ruth E. (II, 0)
 *Foust, Hazel S. (II, 0)
 Fouts, Edward Lee (II, 0)
 *Fouts, Robert M. (II, 41)
 Frankhauser, Mary Isabelle
 (III, 23)
 Freedman, Alexander (VI, 50)
 Freeman, Elsie M. (IV, 88)
 French, Harry F. (III, 15)
 *French, Leslie I. (V, 0)
 Friedlander, Mark P. (VI, 0)
 Frost, Elizabeth S. (II, 24)
 Fryer, William T. (IV, 142)
 Fuller, Gladys (II, 54)
 *Funk, Clara Linn (II, 12)
 *Fusch, Emma Tom (II, 0)
 Gable, Paul D. (VI, 0)
 Gallagher, Phyllis C. (II, 30)
 *Gallagher, Willa (IV, 4)
 Gannaway, Grace May (II, 0)
 Gardner, Allen H. (IV, 36)
 Gardner, Bessie R. (IV, 18)
 Gardner, Helen M. (IV, 93)
 Garey, Mary Moore (V, 6)
 *Gaskill, Lorene M. (IV, 0)
 *Gassman, Janet J. (II, 46)
 Gebhart, Arthur I. (III, 104)
 Geiger, John H. (II, 0)
 Gerry, Marjorie S. (II, 62)
 Gessford, Eleanor (I, 36)
 Gibson, R. Leslie (IV, 0)
 *Gillespie, Rees A. (IV, 71 2/3)
 Gilliland, John B. (IV, 0)
 Utah 1645 K Street
 Ky. 224 E Street N. E.
 Minn. 1202 Decatur Street
 D. C. 723 Euclid Street
 Mo. 1474 Harvard Street
 Italy 1827 S Street
 Nebr. Y. M. C. A.
 Md. 224 Wooton Avenue, Chevy
 Chase, Md.
 D. C. 3635 10th Street
 Ill. 1855 Calvert Street
 Md. 1216 B Street S. E.
 Md. 224 New Jersey Avenue
 D. C. 1319 N Street
 D. C. 36 D Street S. E.
 Nebr. 2722 13th Street
 N. C. 529 18th Street
 D. C. 1811 Kalorama Road
 Minn. 2112 F Street
 Ind. 1631 Newton Street
 D. C. 6103 4th Street
 Mich. 1802 G Street
 D. C. 3116 Mt. Pleasant St.
 N. J. 101 Maryland Avenue N. E.
 Kans. 1736 G Street
 N. Y. 721 19th Street
 Ill. 1829 19th Street
 D. C. 916 E. Capitol Street
 D. C. 231 2d Street S. E.
 Mass. 4008 12th Street N. E.
 D. C. 826 Kennedy Street
 La. 2013 G Street
 Ill. The Tuxedo
 D. C. 4200 River Road
 Va. Annapolis Md.
 Ohio The Woodley
 D. C. 1917 S Street
 Ohio The Woodley
 Pa. 1525 Q Street
 D. C. 730 Quebec Street
 D. C. 730 Quebec Street
 Mich. 1104 M Street
 D. C. 3128 19th Street
 Ill. 1150 N. Capitol Street
 Va. 663 Maryland Avenue N. E.
 Eng. 1320 Belmont Street
 D. C. 2109 18th Street
 Va. Fort Myer, Va.
 Md. 1600 Rhode Island Avenue
 D. C. 1884 Columbia Road
 Ky. 1801 K Street
 Tenn. 1426 M Street
 D. C. 607 8th Street N. E.
 D. C. 1420 Harvard Street
 Mo. 1832 Columbia Road
 D. C. 1131 4th Street N. E.
 Pa. 1421 Buchanan Street
 Okla. 2117 G Street
 Pa. 2019 O Street
 Md. Bureau of Labor Statistics
 D. C. 1130 Buchanan Street
 D. C. 1845 Ontario Place
 Pa. 2127 G Street
 D. C. 634 L Street N. E.
 D. C. 2944 Macomb Street
 D. C. 3123 13th Street
 D. C. 2002 Franklin Street N. E.
 Mo. 1501 16th Street
 S. Dak.

- Girdner, Kermit (II, 0)
- Girdner, William W. (IV, 68)
- Girts, Maxine L. (IV, 63)
- Glass, John D. (IV, 69)
- Glover, Clarence K. (IV, 106)
- Glover, Wilber B. (IV, 36)
- Goddard, Eunice F. (III, 90)
- *Goldberg, Sadye (II, 0)
- *Goode, Thomas D. (VI, 0)
- Goss, John H. (VI, 0)
- Goss, Marshall J. (VI, 26)
- Graff, George U. (III, 0)
- Grass, Edward J. (V, 94)
- *Gravatt, Frances E. (III, 120)
- Graves, Warren E. (VI, 53)
- Gray, Ulysses Sherman (IV, 99)
- Greeley, John R. (III, 0)
- Greene, Charles T. (IV, 18)
- Greene, Margaret K. (II, 68 2/3)
- Greene, Ruth G. (III, 6)
- Greene, William M. (VI, 24)
- Greenlee, Zoda V. (IV, 117)
- Gress, Howard D. (IV, 39)
- Griffin, Lawrence D. (VI, 78)
- *Griffin, Marjorie Sue (II, 0)
- Grimes, Cora D. (II, 62)
- Grindell, May E. (II, 12)
- Grove, Charles B. (IV, 16)
- Gruber, Herbert W. (II, 57)
- Gruver, Helen R. (II, 34)
- Guanella, Frances M. (II, 66)
- Guilford, Anne Elizabeth (IV, 108)
- *Guindon, Marjorie Anne (III, 0)
- Gustin, Robert D. (II, 94)
- Haddox, Dorothy S. (II, 0)
- Hagan, J. Foster (IV, 70 1/4)
- Haines, Mary S. (IV, 47)
- Hall, Elizabeth F. (II, 96)
- Hall, Katharine C. (II, 0)
- Halliday, C. Warner (IV, 18)
- *Halloran, Edward R. (II, 0)
- Hamilton, Anna Mary (II, 21)
- *Hamlyn, Russell S. (IV, 0)
- Hammack, Paul W. (VI, 51)
- Hance, Emma O. (II, 10)
- Hand, Francis M. (V, 88)
- Hanford, Juliette (II, 60)
- Hanlin, George (III, 114)
- Hardigg, Dorothy (II, 41)
- Harlow, Gladys (IV, 0)
- †Harris, Harold I. (V, 0)
- †Harris, Herbert C. (VI, 0)
- Harrison, Mary I. (II, 31)
- *Harrison, Miriam A. (II, 24)
- Hartman, Ann S. (II, 36)
- Hastings, Helen (II, 0)
- *Haverstock, George M. (III, 130)
- Hawes, Peyton Elizabeth (II, 30)
- Haworth, Ellis (III, 83)
- Hawxhurst, Mildred M. (IV, 0)
- Hayes, Arthur B., Jr. (IV, 87 1/2)
- Hays, Cathryn M. (II, 67)
- *Hays, Dallas B. (IV, 11)
- Hazell, Joseph W. (III, 83 1/2)
- Hazen, Joseph H. (IV, 24)
- *Heber, Raymond J. (VI, 0)
- Hefferman, Horace P. (II, 0)
- *Helander, Gunhild S. (II, 6)
- D. C. 6812 Laurel Avenue, Takoma Park
- D. C. 6812 Laurel Avenue, Takoma Park
- Pa. 1434 Harvard Street
- Kans. 1603 Massachusetts Avenue
- W. Va. 1336 Massachusetts Avenue
- D. C. 3104 18th Street
- Maine 112 Varnum Street
- D. C. 1214 Irving Street
- N. C. 1634 19th Street
- Pa. 3021 Q Street
- Ohio 721 Quebec Place
- D. C. 3323 14th Street N. E.
- D. C. 2024 I Street
- Md. 5 Leland Street, Chevy Chase, Md.
- Mass. 1748 Q Street
- Ala. 1603 Massachusetts Avenue
- D. C. 2632 Garfield Street
- Pa. New National Museum
- Ind. 1244 Irving Street
- D. C. 226 13th Street S. W.
- Va. 1440 M Street
- Ohio 1726 I Street
- Pa. 1317 M Street
- Conn. 4008 12th Street N. E.
- Mo. 1223 Vermont Avenue
- Iowa 1737 Corcoran Street
- Mass. 1104 M Street
- D. C. 2708 Cathedral Avenue
- Pa. 1419 E. Capitol Street
- D. C. 5460 39th Street
- Iowa 44 Woodstock Street, Clarendon, Va.
- D. C. Hyattsville, Md.
- D. C. 2823 N Street
- D. C. 694 4th Street N. E.
- Md. Gaithersburg, Md.
- Va. Ballston, Va.
- Mo. 3228 Hiato Place
- Conn. 1515 17th Street
- D. C. Naval Observatory
- Ill. 1758 N Street
- Md. Fontanet Courts
- Pa. 626 D Street N. E.
- R. I. 1717 Oregon Avenue
- Va. 2034 F Street
- Va. Cherrydale, Va.
- Ga. 1727 S Street
- Ill. 130 The Portner
- Ky. 1321 11th Street
- Ind. 1633 Hobart Street
- D. C. 1320 9th Street
- D. C. Emergency Hospital
- N. D. 144 12th Street N. E.
- D. C. 619 23rd Street
- Va. 1412 20th Street
- Minn. 1634 Riggs Place
- D. C. 3600 Ordway Street
- D. C. 26 Everts Street N. E.
- D. C. The Wyoming
- D. C. 132 13th Street S. E.
- D. C. 3114 38th Street
- D. C. 3338 16th Street
- Mo. The Mendota
- Mo. The Mendota
- D. C. The Dresden
- N. Y. 1698 Lanier Place
- W. Va. 1321 Shepard Street
- Minn. 4960 Conduit Road
- D. C. 1332 I Street

| | | |
|-----------------------------------|--------|---|
| Henderson, Edward P. (III, 69½) | Ohio | Dept. of Interior Bldg. |
| Henderson, Walter C. (III, 0) | Mon. | 4727 13th Street |
| Henning, Beatrice H. (III, 60) | D. C. | 2701 Connecticut Avenue |
| Hensley, Pearle B. (II, 0) | Va. | 1819 G Street |
| *Herbst, Mildred L. (II, 104) | D. C. | 1032 25th Street |
| *Herndon, William S. (VI, 0) | D. C. | 3549 11th Street |
| Hester, Clinton M. (IV, 0) | D. C. | 1308 Connecticut Avenue |
| Heyl, Alice (III, 6) | D. C. | 1315 Fairmont Street |
| Hicks, Katherine I. E. (II, 12) | N. Y. | 3453 Holmead Place |
| *Higgins, Alfred L. (IV, 122) | Mo. | 1810 Lawrence Street N. E. |
| *Higgins, Daniel E. (II, 0) | Me. | 2006 F Street |
| Higgins, Thomas J. (II, 110) | D. C. | 1302 Delafield Place |
| Hill, Alice F. (II, 50) | D. C. | 11 R Street N. E. |
| †Hill, Harold, L. (IV, 0) | Pa. | Mt. Rainier, Md. |
| Hill, Lillie L. (III, 0) | D. C. | 309 South Carolina Ave. S. E. |
| Hilland, Arthur (II, 0) | D. C. | 1320 21st Street |
| Hilland, Charlotte J. (II, 0) | Iowa | 1320 21st Street |
| Hilliard, Alice H. (II, 0) | N. J. | 1104 M Street |
| Himmelfarb, Jean S. (IV, 22) | D. C. | 1430 6th Street |
| Hinckley, Marie H. (II, 103) | N. H. | 1358 Harvard Street |
| Hines, Miriam L. (II, 0) | Okla. | 1104 M Street N. E. |
| Hird, John D. (VI, 0) | D. C. | 1717 Irving Street |
| Hixson, William A. (IV, 8) | D. C. | 624 Irving Street |
| Hof, Anne C. (IV, 30) | D. C. | 1831 Belmont Road |
| *Holcombe, John W. (II, 0) | D. C. | 2127 Bancroft Place |
| Holley, Bernice M. (II, 6) | Ky. | 935 New York Avenue |
| Holmgren, Samuel T. (IV, 88) | N. H. | Y. M. C. A. |
| Holmes, Ruth E. V. (II, 48) | Md. | Rockville, Md. |
| †Holt, Ralph M. (VI, 18) | N. C. | 1733 N Street |
| *Hoover, Elbert C. (V, 32) | D. C. | 2221 1st Street |
| *Hopkins, Lt. Joy (III, 91) | Va. | Bu. Plant Indus., Dept. of Agri. |
| Hosmer, Harriet (IV, 30) | Calif. | A-B Bldg., Govt. Hotels |
| Howard, Deane C. (IV, 112) | D. C. | Fort Myer, Va. |
| Howard, Dorothy (II, 24) | D. C. | 815 Taylor Street |
| *Hudmon, William Eliot (I, 138) | D. C. | 1816 S Street |
| Hughes, Charles W. (III, 90) | Md. | 2945 Tilden St. |
| Hughes, H. Gladys (II, 19) | D. C. | 232 6th Street S. E. |
| Hull, Winifred S. (III, 0) | Md. | 419 Essex Ave., Chevy Chase, Md. |
| *Hummer, Helen L. (II, 0) | D. C. | 1237 Kenyon Street |
| Hummer, J. Earl (III, 126½) | D. C. | 1237 Kenyon Street |
| Hunt, Beatrice R. (IV, 54) | D. C. | 1475 Columbia Road |
| Hunt, Cecil L. (IV, 0) | Okla. | 1925 N Street |
| Hunt, Thelma (III, 0) | Md. | Berwyn, Md. |
| Hunter, Anna M. (II, 6) | Ohio | 3367 18th Street |
| Hurley, Fitzhugh L. (IV, 66) | N. C. | 1603 Massachusetts Avenue |
| Hurley, Mary F. (IV, 0) | D. C. | 676 4th Street N. E. |
| Hutchison, Granville R. (VI, 30) | Va. | |
| Hyslop, Mrs. Mina C. (II, 33) | Mo. | 1801 G Street |
| Hytonen, Lempi J. (II, 12) | Mich. | 1743 P Street |
| Ireman, Dessie M. (II, 2) | Mich. | Tudor Hall |
| *Isbell, Ruth E. (III, 36) | Conn. | 1150 N. Capitol Street |
| Jackson, Zimmerman D. (III, 36) | Va. | 126 N. Columbus Street, Alexandria, Va. |
| Jacobson, Robert L. (VI, 66) | D. C. | 715 19th Street |
| †Jaen, Juan L. (IV, 0) | P. I. | 1507 Irving Street |
| James, Virginia H. (II, 0) | Md. | 1436 N Street |
| Jeffrey, Paul M. (IV, 13½) | D. C. | 1133 Columbia Road |
| Jensen, Emma A. (V, 121) | Ill. | Central High School |
| Jex, Garnet W. (III, 0) | D. C. | 611 Orleans Place N. E. |
| Johnson, Dunbar H., Jr. (IV, 43½) | D. C. | 552 Shepherd Street |
| Johnson, Edith Caroline (II, 0) | Nebr. | 5 Iowa Circle |
| Johnson, Edith Gertrude (II, 40) | Mass. | 1650 Fuller Street |
| Johnson, Edward H. (III, 90½) | Tex. | 1322 9th Street |
| Johnson, Eliza B. (II, 0) | Pa. | 1919 K Street |
| Johnson, Ethel M. (II, 18) | Ohio | 1114 Vermont Avenue |
| Johnson, Lester Dudley (IV, 18) | Ill. | Box 206, Vienna, Va. |
| Johnson, Lester Wylie (IV, 70) | Ill. | 1758 N Street |
| Johnson, Margaret L. (V, 30) | Tenn. | 552 Shepard Street |
| Johnson, Nobel G. (IV, 32½) | Ill. | 1758 N Street |

- †Johnson, Winfield G. (IV, 0)
 Johnston, Francis N. (II, 0)
 Johnston, Kenneth K. (IV, 79)
 Jones, Arthur Lee (VI, 61½)
 Jones, Ellsworth D. (IV, 9)
 *Jones, Emily L. (II, 0)
 *Jones, Harvey L. M. (III, 50)
 *Jones, Hulda (II, 34)
 *Judd, Eleanor C. (II, 121)
- Kaplovitz, Rebecca (I, 57)
 Kar, A. Kenneth (IV, 24)
 Katopothis, Steven E. (IV, 10)
 Katz, Leon (IV, 33)
 Keefer, Charlotte M. (II, 15)
 Keene, Henry Clay (IV, 122½)
 Kehr, Elizabeth M. (I, 89)
 Keleher, Edith R. (IV, 15½)
 Kellogg, Grace E. (IV, 24)
 Kelsner, Mrs. Eveline H. D. (II, 0)
 Kenney, Mary B. (II, 47½)
 *Keren, Doris E. (II, 0)
 †Kessler, Yetta R. (II, 0)
 Killian, Rose S. (II, 0)
 King, Merrill B. (IV, 40½)
 *Kingsbury, Clara S. (IV, 0)
 *Kingsbury, Dorothy E. (IV, 108)
 *Kinyoun, Conrad (II, 134)
 †Kisling, Charlyemagne (II, 0)
 Klatzkin, Sarah (IV, 24)
 *Kleindienst, Dorothy V. (II, 0)
 Knappen, Phoebe M. (III, 0)
 Knisely, Edna (II, 102)
 Knowles, Arthur E. (VI, 68)
 *Koblegard, Ruhl W. (VI, 15)
 Kotok, George H. (V, 0)
 Kotterman, Chester A. (VI, 24)
 Kouns, Adrienne B. (II, 34)
 *Krick, John Francis (IV, 0)
 †Kunkel, Ruth Lee (II, 15)
 Kutz, Miriam L. (II, 45)
- Ladd, Dorothy D. (II, 41)
 Ladd, John G. (III, 81)
- Lake, Lola E. (II, 0)
 Lake, Orion A. (VI, 30)
 *La Moore, Parker (IV, 67)
 Lane, Rufus H., Jr. (III, 36)
 †Laney, L. Vesta C. (II, 6)
 Langston, Raymond P. (VI, 0)
 Lantel, Catherine M. (II, 0)
 Lattman, Isidore (V, 120)
 *Lattman, Morris (V, 120)
 Lavery, Thomas C. (IV, 95)
 Lawrence, Anne T. (II, 31)
 Lazzelle, Mabel (II, 30)
 *Leckie, Jeanette K. (II, 12)
 Lee, Agnes I. (II, 72)
 Lee, Harry P. (V, 65½)
 †Lee, John Hyako (III, 0)
 *Lee, William Young C. (IV, 146½)
 Leedy, Nellie G. (II, 61)
 Lefebvre, Rose M. (IV, 10)
 Lesser, Moses A. (II, 3)
 Lester, M. Mary (II, 99)
 Lewis, Madge (IV, 0)
 Lewton, Frederick L. (V, 117)
- L'Heureux, Herve J. (VI, 0)
 Lindberg, Andrew R. (III, 0)
- D. C. 1316 Rhode Island Avenue
 D. C. 2236 Massachusetts Avenue
 Nebr. The Kenyon
 Pa. 1112 Euclid Street
 Va. 45 Cruik Lane, Cherrydale, Va.
 D. C. 64 Seaton Place
 D. C. 1908 Belmont Road
 N. C. 1228 Massachusetts Avenue
 D. C. 2026 F Street
- N. J. 1543 6th Street
 D. C. 2466 Ontario Road
 Greece 1833 Mintwood Place
 D. C. 453 Newton Street
 D. C. 2725 13th Street N. E.
 Ala. 2441 Oakwood Terrace
 D. C. 1103 Park Road
 D. C. 118 11th Street S. E.
 D. C. 36 Rhode Island Avenue N. E.
 D. C. 1432 Meridian Place
 Del. 2031 F Street
 D. C. 1336 7th Street
 D. C. 480 E Street S. W.
 D. C. 1733 1st Street
 Ill. Colonial Hotel
 D. C. 1829 Wyoming Avenue
 Mich. I-K Bldg., Govt. Hotels
 D. C. 3103 Mt. Pleasant Street
 Va. Wardman Park Hotel
 D. C. 144 Bates Street
 D. C. 610 B Street N. E.
 D. C. 2925 Tilden Street
 Ind. 2030 G Street
 Ind. 1011 New Hampshire Avenue
 D. C. 2176 Wyoming Avenue
 N. J. 2014 G Street
 D. C. 2611 Adams Mill Road
 Ohio 1011 New Hampshire Avenue
 Pa. 45 Girard Street N. E.
 D. C. 2510 Wisconsin Avenue
 Ind. 1916 G Street
- Md. 6109 Brookville Road, Chevy Chase, Md.
 Md. 6109 Brookville Road, Chevy Chase, Md.
 Calif. 1414 Girard Street
 D. C. P. O. Box 3693, D. C.
 N. D. 7 H Street
 Va. Falls Church, Va.
 Ala. 1726 M Street
 Okla. 1736 G Street
 D. C. 810 Massachusetts Avenue N. E.
 N. Y. 1462 Chapin Street
 N. Y. 1462 Chapin Street
 Mo. 1435 K Street
 Va. 207 Argyle Apts.
 D. C. 3924 5th Street
 D. C. 1335 Harvard Street
 D. C. 327 10th Street N. E.
 D. C. 1310 Belmont Street
 D. C. 41 T Street
 Korea 905-7 Continental Trust Bldg.
 Mo. 1201 E. Capitol Street
 Minn. 1320 15th Street
 Mass. 925 N Street
 Va. V-W Bldg., Govt. Hotels
 Md. 1523 16th Street
 D. C. 113 Chestnut Street, Takoma Park, D. C.
 N. H. 645 5th Street N. E.
 D. C. 3569 T Street N. W.

*Lindsay, Pauline (IV, 65)
Lindsey, Irving (III, 87)

Linehan, Ella C. (III, 12)
Lista, Louis J. (V, 17)
Littlepage, Ellen M. (IV, 24)
Littlepage, John M. (IV, 0)
Livingston, Grace A. (II, 15)
Lobdell, Charles, Jr. (VI, 25)
Long, Florence A. (II, 21)
†Long, Georgia A. (II, 30)
Long, William R. (IV, 24)
†Loo, Shushung F. (VI, 5)
Lord, Isaac Q. (IV, 83)
Luber, Samuel E. (V, 50)
Luce, Madge I. (III, 0)
Ludlow, Blanche (II, 0)
Ludlow, Marjorie (II, 46)
Ludwig, Robert E. (IV, 0)
Lund, Phoebe M. (II, 21)
Lupton, Josephine K. (II, 12)
Lutz, Carl (II, 88)
Lutz, E. Russell (VI, 98)

McArthur, Nancy P. (IV, 0)
McBeth, Frank H. (II, 0)
McCabe, William L. (IV, 24)
McCauley, Alice O. (IV, 12)
McCauley, Katherine C. (II, 83)
McClure, Earl C. (VI, 0)
*McClurg, Alice (II, 94)
McCollum, Ruth (I, 109)
McCord, Anita A. (II, 0)
McCoy, Carroll A. (V, 0)
McCoy, Harold D. (IV, 28)
McCullough, Gladys E. (II, 41)
McCullough, Mildred M. (II, 0)
*McDaris, Vivien Lois (II, 56)
*McDonnell, Emily W. (III, 0)
†McDonough, Marguerite T. (IV, 0)
*McDowell, Frank (III, 6 2/3)
McDowell, N. Louise (II, 20)
McEldowney, Robert W., Jr. (VI, 0)
McElroy, Catherine F. (II, 58)
McElroy, Florence A. (II, 0)
McGraw, Willard G. (III, 7 1/2)
McIntyre, Joseph D. (III, 100)
McLaughlin, Manly L. (VI, 0)
†McLaughlin, Mary A. (IV, 62)
McLeod, Mrs. J. K. (IV, 6)
McMurchy, A. Eleanor G. (II, 27)
*McMurry, Johnson B. (III, 60 1/2)
McNally, Kean (VI, 0)
McNeil, Robert H. (IV, 36)
McNish, Alvin G. (II, 38)
*McPherson, Richard K. (IV, 6)
MacDonald, Junius R. (VI, 13)
MacMillan, Clifford J. (IV, 93)
MacPherson, Mary E. (II, 0)
Magner, Rose G. (IV, 15)
Mallard, Evelyn H. (II, 108)
Malone, Marion R. (II, 48)
Mangum, James E. (II, 71)
Mankey, Helen L. (III, 98)
Manning, Dorothy C. (II, 0)
*Manning, Lee C. (V, 2)
Manson, Earle W. (IV, 34 1/2)
Marchetti, Orville (IV, 0)
Markley, Mae Adelle (II, 104)
Marlowe, Mabel (III, 123)
Marquis, Merth (IV, 71)
Marquis, Ronald N. (IV, 27)

W. Va. 923 19th Street
Va. 1009 Gibbon Street, Alexandria,
Va.
Mass. 3421 14th Street
D. C. 513 D Street S. E.
D. C. The Portland
D. C. The Portland
Ind. 915 20th Street
D. C. 3228 Reno Road
Alexandria, Va.
D. C. 71 U Street N. E.
Y. M. C. A.
Mass. 2750 14th Street
China 1336 Newton Street N. E.
D. C. 731 4th Street
D. C. 1220 Euclid Street
D. C. 1908 I Street
D. C. 1908 I Street
Md. 15 R Street
D. C. 1710 I Street
D. C. 1719 Euclid Street
Ill. 2013 Hillyer Place
D. C. 1808 Ontario Place
D. C. 1819 G Street
D. C. 2912 16th Street N. E.
Utah 2466 Ontario Road
D. C. 1354 Monroe Street
D. C. 1353 Maple View Place S. E.
D. C. 918 K Street S. E.
Ind. 2004 G Street
S. D. 1101 K Street
D. C. 1711 Euclid Street
D. C. 2407 12th Street N. E.
Wis. 100 5th Street N. E.
D. C. 401 3rd Street
D. C. The Hadleigh
Miss. 1515 Massachusetts Avenue
Pa. 2003 I Street
D. C. 2309 Washington Circle
Ga. 201 2nd Street N. E.
D. C. 2379 Rhode Island Avenue N. E.
Pa. 1758 N Street
D. C. 3400 Macomb Street
D. C. 1441 E Street S. E.
Md. Gaithersburg, Md.
D. C. 2209 M Street
D. C. 1342 North Carolina Ave. N. E.
Pa. 1918 I Street
N. D. 1122 13th Street
D. C. 1627 R Street
Ky. 2301 Connecticut Avenue
D. C. 1210 Decatur Street
D. C. 608 H Street
D. C. The Parkwood
Mo. 1736 G Street
N. C. 2014 G Street
Cal. Cherrydale, Va.
Va. 2310 20th Street
N. Y. 2129 18th Street
Ga. 2343 Green Street S. E.
D. C. The Maury
D. C. 2914 11th Street
D. C. 4701 Fessenden Street
Md. 1322 Massachusetts Avenue
D. C. 119 W Street
D. C. 1277 New Hampshire Avenue
D. C. 136 F Street S. E.
Okla. 1341 South Carolina Ave. S. E.
Okla. 2129 G Street
Okla. 2129 G Street

- Marshall, Murray L. (IV, 26)
 *Marshall, Nelson P. (III, 80)
 Martin, Robert B. (IV, 0)
 Mason, John Russell (II, 83)
 Mathews, Alma L. (IV, 60½)
 Mattox, Virginia A. (II, 6)
 Maulbetch, Emily M. (II, 3)
 †Mauney, Estelle (III, 3)
 Maurice, Nathalie A. (II, 108)
 Maxam, Mary A. (II, 0)
 *May, Gustave W. (IV, 0)
 Maynard, Mary L. (II, 0)
 *Meade, Helen D. (II, 0)
 *Means, Estella T. (II, 0)
 Mears, Jesse Kirk (IV, 62)
 Meese, Norman S. (IV, 108½)
 Mehlig, Mrs. May O. (II, 107)
 Mehrling, Arnon Lewis (III, 97)
 Melchior, Eleanor B. (II, 27)
- Mendelson, Israel J. (III, 8)
 Menzel, Theophil W. (II, 80)
 Meridian, Bertha (II, 50 1/3)
 Meriwether, Yancey (II, 0)
 Merriman, Ervin E. (IV, 108)
 Merris, Donald E. (III, 96½)
 Merritt, Virginia (II, 0)
- Messer, Agnes H. (II, 61)
 Metzgerott, John H. (IV, 51½)
 Meyers, Edward M. (VI, 0)
- Middleton, William (III, 18)
 Miller, Mrs. Agnes T. (II, 0)
 Miller, Carrie May (VI, 33)
 Miller, Lenna K. (II, 24)
 Millsbaugh, Nelle E. (II, 92½)
 Minor, John G. (IV, 6)
 Mitchell, Fred C. (III, 102)
 Mitchell, Paul J. (III, 0)
 *Moncure, Eliza M. (II, 33)
 Montague, L. Gordon (III, 5)
 Montgomery, James E. (VI, 74)
 Montgomery, Ralph V. (IV, 30)
 †Moran, William, Jr. (VI, 0)
 Morehouse, Mortimer B. (VI, 51)
 Morgan, Eva (III, 12)
 *Morishima, Morito (IV, 3)
 *Morris, Robert E. Lee (VI, 0)
 Morrow, Clara A. (II, 119)
 Mosely, Elizabeth L. (IV, 32)
 Moses, Florence (II, 27)
 Moulton, Edward B. (VI, 70)
 *Moulton, Mrs. Mona B. (II, 0)
 Moxness, Bennie A. (V, 86)
 *Mullen, William P. (IV, 30)
 (LL. B., Creighton College of Law)
 (LL. M., Georgetown)
 Murphy, Alice M. (III, 10)
 Murphy, Joan C. (II, 12)
 Murray, I. Mildred (IV, 9)
 Murrill, Minnie D. (II, 9)
 Musher, Albert (IV, 0)
 *Mussman, Michael Angelo (VI, 128)
 †Myers, Edythe J. (II, 19 1/3)
 Myers, John T. (IV, 101)
 Myers, Walter Claude (IV, 0)
- Md. 18th and New York Avenue
 D. C. 1421 Columbia Road
 Va. Vienna, Va.
 D. C. 1842 Calvert St.
 Pa. 1320 Fifteenth Street
 Va. 1749 Q Street
 Pa. 1319 Massachusetts Avenue
 N. C. 52 Rhode Island Avenue
 N. Y. 2011 F Street
 D. C. 1760 Euclid Street
 D. C. 1306 30th Street
 D. C. 1842 M Street
 D. C. 1139 12th Street
 Pa. 3025 15th Street
 Ohio 606 22nd Street
 N. Y. 3136 17th Street
 D. C. 1726 Massachusetts Avenue
 Md. Hyattsville, Md.
 Va. 110 S. Columbus Street, Alex-
 andria, Va.
 D. C. 2919 M Street
 D. C. 2951 Tilden Street
 Ill. 1709 Rhode Island Avenue
 D. C. 23 Iowa Circle
 Ind. 400 M Street N. E.
 Pa. Bureau of Standards
 D. C. 25 Grafton Street, Chevy Chase,
 Md.
 D. C. 3504 Macomb Street
 D. C. 3504 16th Street
 D. C. 10 Hickory Avenue, Takoma
 Park
 Va. East Falls Church, Va.
 D. C. E. Wardman Pk. Hotel, Apt. 710
 Mo. 607 3rd Street
 Va. Oakton, Va.
 Mo. 405 Ontario Apts.
 Ky. 2215 H Street
 Pa. 1938 Biltmore Street
 D. C. 2006 Columbia Road
 D. C. Woodworth Apartment
 Wis. Bureau of Standards
 Ind. 1011 New Hampshire Avenue
 D. C. 1011 New Hampshire Avenue
 S. C. 1635 R Street
 D. C. 1526 O Street
 Ill. 1104 M Street
 Japan 1310 N Street
 Md. Hyattsville, Md.
 D. C. Wardman Park Inn
 Tex. 1320 15th Street
 D. C. The Chastleton
 Ill. 1419 Girard Street
 D. C. St. Albans School
 N. D. 2006 F Street
 Nebr. The Olympia
- Mass. 610 Lexington Pl. N. E.
 Vt. 3421 14th Street
 Pa. 1308 Connecticut Avenue
 Va. 3404 Prospect Avenue
 D. C. 2849 Connecticut Avenue
 Pa. Y. M. C. A.
 Ohio 1126 Shepherd Street N. E.
 Va. Ballston, Va.
 D. C. 3226 Warder Street
- Tex. 1909 Kenyon Street
 Tex. 1909 Kenyon Street
 Va. 1787 Lanier Place
 D. C. 1787 Lanier Place
- Nall, Agnes (II, 0)
 Nall, Arthur E. (II, 21)
 Nathanson, Esther (V, 90)
 Nathanson, Rose M. (II, 0)

- *Nathanson, Sadie C. (II, 10½)
 Neacy, William (IV, 39)
 *Nearman, Helen M. (IV, 12)
 *Neill, William L., Jr. (III, 12)
 *Nelson, Robert M. (II, 0)
 Nettleton, Malvern (II, 30)
 *Netzer, Solomon (V, 0)
 Newby, Robert E. (IV, 17)
 Newell, Alphonso M. (II, 21)
 Newell, Constance (II, 115)
 Newell, Roger S. (IV, 95)
 Newman, Adelaide (IV, 28)
 Newton, Hazel M. (VI, 15)
 Newton, Helen K. (II, 32)
 †Nichols, John M. (IV, 0)
 Nichols, Kathryn Agnes (II, 93)
 Nicholson, Margaret M. (V, 94)
 Nimetz, Aaron (V, 90)
 Noble, Grace R. (III, 0)
 Noel, Faye (VI, 0)
 *Nolan, James F. (IV, 122)
 *Norfleet, Robert F. (IV, 30)
- O'Connor, George E. (IV, 10½)
 O'Connor, Marjorie A. (II, 0)
 O'Donnell, Lambert (IV, 0)
 O'Flaherty, Daniel (IV, 110)
- *Ogden, Vivian (IV, 36)
 Ohlander, Lyle W. (IV, 0)
 Olson, Oliver M. (II, 104)
- Omwake, Katharine T. (II, 34)
 Opdyke, Myrtle M. (II, 0)
 Ortega, Julian A. (IV, 35 1/3)
 Orton, Clarence F. (III, 6)
 *O'Shaughnessy, Kathleen D. (II, 21)
 Ostrow, Aaron Harry (VI, 9)
 Overstreet, Alice R. (II, 0)
 Overstreet, Dorothy L. (II, 35)
 Overstreet, Walter E. (IV, 45)
 *Owens, Clarence J., Jr. (IV, 17)
- Pabst, Anna M. (II, 16)
 Pabst, Helen G. (II, 82)
 Pagter, Chas. R. (III, 78)
 Palmer, Barber C. (II, 0)
 Palmer, Charles C. (IV, 0)
 Palmer, J. Joseph W. (VI, 60)
 Palomar, Gaudiosa P. (II, 58)
 Parker, Evelyn (V, 55)
 *Parkinson, Grace S. (IV, 0)
 Parks, Ruth A. (II, 34)
 Parrott, Elizabeth H. (II, 39)
 Passalacqua, Luis A. (V, 87)
 Patison, Mrs. Frances (II, 48)
 *Patterson, Homer S. (V, 90)
 Patterson, John T. (IV, 9)
 Pattison, Dorothy (II, 0)
 Pearson, Essie Lee (II, 84)
 *Pepperman, Harriett J. (II, 0)
 Perales, Alonzo (IV, 0)
 Periam, Helen J. (II, 0)
 Perkins, Helen F. (V, 52)
 Perry, Virginia Custis (II, 3)
 Peterson, Anna M. (II, 45)
 Peterson, Caroline E. (VI, 54)
 *Peterson, Emmett J. (IV, 139½)
 Peterson, Robert K. (II, 56)
 *Phelps, Annabelle W. (III, 118)
 Phillipps, Arletta (VI, 6)
- D. C. 1787 Lanier Place
 D. C. 643 Q Street
 Mich. 1722 H Street
 Tex. 1842 Calvert Street
 D. C. 312 House Office Bldg.
 D. C. 1746 Euclid Street
 N. Y. 1135 6th Street
 D. C. 1222 Euclid Street
 D. C. 2922 Carlton Avenue N. E.
 D. C. 1829 Phelps Place
 D. C. 1829 Phelps Place
 Tenn. 1971 Biltmore Street
 Mass. 1319 Harvard Street
 D. C. 1625 R Street
 S. C. 1300 Pennsylvania Avenue
 D. C. The Portner
 D. C. 1000 Maryland Avenue
 D. C. 1544 9th Street
 Iowa 2106 F Street
 Iowa 1717 E. Capitol Street
 N. J. 1750 Massachusetts Avenue
 Va. 810 Taylor Street
- D. C. 1436 V Street
 D. C. 1740 K Street
 D. C. 3509 Macomb Street
 Va. 2 Jefferson Avenue, S. Wash-
 ington, Va.
 Mo. 3121 Mt. Pleasant Street
 D. C. 21 Randolph Place
 Iowa 329 Homer Bldg., 13th and F
 Streets
 D. C. 1846 Ingleside Terrace
 N. J. The Chastleton
 P. I. Y. M. C. A.
 Nebr. Sherman & Garfield Sts.
 Mass. 3101 13th Street
- Russia 1414 12th Street
 D. C. 222 E. Capitol Street
 D. C. 1426 Buchanan Street
 S. C. 222 E. Capitol Street
 Md. 3209 Highland Place
- D. C. 4622 15th Street
 D. C. 4622 15th Street
 D. C. 903 Buchanan Street
 Ky. 411 2nd Street
 D. C. 1750 Massachusetts Avenue
 D. C. 84 V Street
 P. I. The Alabama Apartments
 Vt. Toronto Apartments
 Iowa T-U Bldg., Government Hotels
 Mass. 1420 R Street
 Ohio 1319 Kenyon Street
 P. R. 1418 N Street
 Texas G. W. U.
 Ga. 1832 Biltmore Street
 D. C. 1333 Park Road
 D. C. 2808 27th Street
 D. C. 22 Channing Street
 Mich. 1860 Mintwood Place
 Tex. 800 21st Street
 N. J. 1104 M Street
 Pa. 1836 Connecticut Avenue
 D. C. 2018 G Street
 Iowa 1415 Monroe Street
 Cal. Naval Medical School
 Cal. 246 House Office Bldg.
 Va. 2015 I Street
 D. C. Wardman Park Hotel
 D. C. 1745 1st Street

- Phillips, George W. (VI, 0)
 Phillips, Joseph E. (VI, 23½)
 *Phillips, Ruth (II, 28)
 Phoebus, Gladys E. (III, 72)
 Pickering, Wasle (II, 12)
 *Pitcher, Lois (IV, 112)
 Pittman, Estelle M. (II, 12)
- Platt, E. Halsted (IV, 30)
 *Platt, James L., Jr. (III, 120)
 †Pollock, Robert W. (IV, 0)
 Pope, Gladys A. (III, 42)
 †Porter, Vivien W. (II, 84)
 *Postles, Mrs. Ruth C. (II, 3)
 *Potter, Mrs. Mildred E. (VI, 0)
 Potts, J. Bernard (IV, 10½)
 Powell, Ada L. (III, 58)
 Powell, Martha P. (II, 12)
 †Powers, Robert S. (II, 0)
 *Preble, Marjorie E. (III, 10)
 Prentiss, Wm. C., Jr. (III, 10)
 *Price, Hazel H. (II, 0)
 Price, James R. (IV, 93)
 *Price, Marion M. (II, 0)
 *Probst, Carol M. (II, 0)
 Proctor, Lucy R. (II, 21)
 Pucci, Dominic L. (II, 0)
- Pulliam, Robert W. (IV, 61)
 Purse, Mrs. Grace G. (IV, 4)
 Pusey, Elmer M. (IV, 113)
 Putnam, Amy D. (II, 96½)
 Pyle, Theresa P. (II, 12)
 Quirk, Mary E. (IV, 31)
 Quigley, George W. (III, 101)
 Quinn, David L. (IV, 99)
 *Quinn, Herbert E. (IV, 15)
 *Quinn, Norris W. (II, 0)
 *Radelfinger, Blanche (II, 0)
 Ramage, Elizabeth H. (V, 0)
 Ramage, Josephine C. (II, 1½)
 Ramsay, Harold T. (III, 0)
 †Ramsay, Lena (II, 3)
 *Ramsey, Elizabeth R. (III, 12)
 Ramsey, Margaret C. (II, 45)
 Randall, Lorena (II, 12)
- Randolph, Stella (II, 85)
 †Ranker, Gertrude A. (IV, 6)
 *Ranney, Everett J. (VI, 0)
 Ransome, Janet (III, 0)
 Rappolee, Edward (IV, 0)
- Rawlings, Mary L. (II, 0)
 *Rayer, Irene (II, 9)
 Reagle, Hilda R. (IV, 0)
 Rebuschatis, Marion (II, 3)
 *Rector, Clarence E. (VI, 0)
 Redinger, Carl C. (IV, 31)
 Reed, Bernice P. (II, 0)
 Reed, Elizabeth F. (IV, 10)
 *Reed, Fred C. (V, 46)
 *Reed, Paul C. (IV, 89)
 Reeder, Julia P. (II, 0)
 Regan, Agnes E. (IV, 11)
 *Reichgut, Ruth (IV, 0)
 Reisinger, Dorothy E. (II, 0)
 Reynolds, Hazel V. (IV, 27)
 Reynolds, Julia Sue (IV, 0)
- *Rhoades, George G. (VI, 0)
 Rhodes, Blanche M. (II, 0)
- Ill. 610 Longfellow Street
 Mo. 919 H Street
 D. C. 3823 New Hampshire Avenue
 D. C. 222 Park Avenue, Takoma Park
 D. C. The Toronto
 D. C. 3910 McKinley Street
 Md. 105 Thornapple Street, Chevy Chase, Md.
 D. C. 3802 Yuma Street
 S. C. 2511 14th Street
 Iowa 1315 Clifton Street
 D. C. 3214 Newark Street
 D. C. 1881 3rd Street
 D. C. 4101 3rd Street
 D. C. 1223 Euclid Street
 D. C. 534 20th Street
 Tex. Carlisle Court
 D. C. 1122 11th Street
 N. Y. 310 Indiana Avenue
 D. C. 3027 Newark Street
 D. C. 1720 Oregon Avenue
 D. C. 1736 Columbia Road
 Ala. 1735 Pennsylvania Avenue
 D. C. 3212 Newark Street
 D. C. 721 Quebec Place
 Tex. 1439 T Street
 Mich. 3211 McKinley Street, Chevy Chase, D. C.
 N. C. 1480 Chapin Street
 D. C. 530 20th Street
 Md. 2116 Connecticut Avenue
 N. J. 910 19th Street
 D. C. 1601 S Street
 Va. Clarendon, Va.
 Pa. Bureau of Standards
 Md. 2224 F Street
 Tex. 1226 N Street
 Va. 1400 New York Avenue
 D. C. 1431 Chapin Street
 Va. Alexandria, Va.
 Va. Alexandria, Va.
 Mass. 2700 Connecticut Avenue
 D. C. 3053 16th Street
 Va. Cherrydale, Va.
 D. C. 813 Massachusetts Avenue N. E.
 Md. 209 Maple Avenue, Takoma Pk., Md.
 Ill. 1320 15th Street
 Ohio 21 K Street N. E.
 Conn. 100 I Street
 D. C. 1455 Belmont Street
 D. C. Library of Congress, Copyright Office
 D. C. 3141 Mt. Pleasant Street
 D. C. 1336 Harvard Street
 D. C. 71 V Street
 D. C. 3228 Hiatt Place
 N. C. 1721 21st Street
 W. Va. 903 Buchanan Street
 N. Y. 1205 15th Street
 D. C. 1518 Kearney Street N. E.
 D. C. 1762 N Street
 La. 280 House Office Bldg.
 D. C. The Chastleton
 N. Y. 915 L Street N. E.
 D. C. 1350 Fairmont Street
 D. C. 2020 Summit Place N. E.
 Md. 503 River Road, Bethesda, Md.
 Ga. 110 S. Columbus Street, Alexandria, Va.
 Mo. 1752 17th Street
 D. C. 1406 11th Street

- Rhodes, Fredda (II, 27)
 †Richards, Helen E. (III, 14)
 *Ricketts, Charles W., Jr. (II, 42)
 Riegner, Charles H. (VI, 0)
 †Riemen, William A. (IV, 0)
 Rinebolt, Gertrude (IV, 0)
 Ripsom, Edith I. (III, 0)
 Roach, Jessie D. (II, 27)
 Robb, Seymour (II, 60)
 *Robbin, Frances R. (II, 3)
 Roberts, M. Clyde (II, 0)
 *Roberts, Vernon A. (IV, 0)
 Robertson, Carrie E. (VI, 3)
 Robertson, John R. (IV, 12)
 *Robin, Edith (IV, 0)
 Robsian, Daisy S. (II, 46)
 Robsian, John M., Jr. (IV, 12)
 Roebkin, Esther M. (II, 7½)
 Rolle, Maxine F. (II, 34)
 Romhilt, Helen J. (III, 97)
 Rommel, George F. (VI, 80)
 †Rosenberg, Jennie (II, 12)
 *Rosenberg, Max (VI, 0)
 *Rosenberg, Milton (VI, 0)
 Rosenlund, Arthur J. (VI, 46)
 *Rosinski, Gertrude L. (II, 30)
 Ross, Faucett W. (IV, 13)
 Ross, Kathleen (IV, 30)
 Rowland, M. Elston (II, 99)
 Ruddiman, Minnette H. (II, 63)
 Ruff, Mary C. (IV, 9)
 Rupert, Pearl P. (II, 3)
 *Rush, Anna M. (II, 24)
 Russell, Frank F. (I, 0)
 Russell, Margaret C. (III, 69)
 Ruthven, Mary F. (II, 45)
 †Rutley, Joseph S. (V, 0)
 Ryan, Alfred E. (III, 70)
 Ryan, Loretta H. J. (II, 0)
 †Sager, Bert E. (IV, 31½)
 Sammons, Charles M. (IV, 22)
 Samson, Alfredo (VI, 17)
 Sandager, Harry (II, 95)
 Sasman, Cora E. (II, 2)
 *Saunders, Randall N. (III, 77)
 Sawyer, Vera C. (II, 55)
 Sawyer, Verdon A. (III, 27)
 *Sazama, Helen C. (II, 0)
 †Schaff, Mary A. (II, 59)
 Schenfler, Edward L. (IV, 90)
 Schoenfelder, Helena D. (II, 57)
 Schoffstall, Charles W. (III, 92)
 Schofield, Irma A. (II, 20)
 Schwartz, Marion E. (IV, 48)
 *Schwartz, Morris S. (IV, 3)
 †Schwinn, Gordon G. (II, 0)
 Scott, Frances M. (II, 0)
 Scott, Georgetta (II, 0)
 Seibold, Louis E. (IV, 4½)
 Selden, Paul H. (III, 74)
 *Selvey, Helen R. (III, 6)
 †Serrano, Carlos A. (VI, 0)
 Severance, Clifton H. (VI, 0)
 *Seybert, Bonnie (II, 0)
 *Shafer, Rhoda A. (II, 0)
 *Shanahan, Claire T. (II, 0)
 Sharp, Eliza C. (II, 0)
 Shaw, Alice H. (IV, 4)
 Pa. 2721 11th Street
 D. C. 45 D Street S. E.
 D. C. 1736 F Street
 Pa. 621 E Street N. E.
 Iowa 821 Otis Place
 Ind. 1506 Columbia Road
 N. Y. X-Y Bldg., Govt. Hotels
 Ill. 1320 15th Street
 D. C. 1131 7th Street N. E.
 D. C. 3225 Hiatt Place
 Miss. 933 N Street
 D. C. 1628 Columbia Road
 Mo. 1332 I Street
 Miss. 825 Vermont Avenue
 D. C. 3603 10th Street
 Ky. 106 C Street S. E.
 Ky. 106 C Street S. E.
 D. C. 5224 Illinois Avenue
 D. C. 134 Quincy Place N. E.
 Ind. 2011 Franklin Street N. E.
 D. C. 21 Myrtle Street N. E.
 Va. 122 N. Royal Street, Alexandria, Va.
 D. C. 127 F Street
 D. C. 819 6th Street
 Minn. 3320 16th Street
 D. C. 5758 Georgia Avenue
 D. C. 1720 Kenyon Street
 D. C. 815 10th Street
 Tenn. The Madeira
 D. C. 1657 Lamont Street
 Pa. Virginia Apartments
 D. C. 2030 F Street
 D. C. 119 Carroll Avenue, Takoma Park
 D. C. The Rochambeau
 D. C. 1916 G Street
 D. C. The Argyle
 D. C. 4710 Davenport Street
 D. C. 3238 13th Street
 Mass. 1610 1st Street
 Md. Mt. Rainier, Md.
 Colo. 509 Massachusetts Avenue
 D. C. 1520 K Street
 R. I. 103 House Office Building
 Wis. 1319 Quincy Street
 D. C. 1323 Columbia Road
 N. Y. 1320 15th Street
 N. Y. Y. M. C. A.
 D. C. 6210 3d Street
 D. C. 1824 Monroe Street
 Kans. Y. M. C. A.
 Iowa Employees' Compensation Bureau
 Pa. 1829 19th Street
 D. C. 1220 Fairmont Street
 D. C. 2414 12th Street N. E.
 D. C. 209 McLachlen Building
 D. C. 1731 Columbia Road
 D. C. 4008 7th Street
 Pa. 1414 16th Street
 D. C. 756 Rock Creek Church Road
 D. C. 1351 Ingraham Street
 D. C. 2606 Mozart Place
 Colombia 1715 Eye Street
 S. A.
 N. H. 1270 New Hampshire Avenue
 Va. 1631 Newton Street
 Ohio 1711 Connecticut Avenue
 Kans. 3554 11th Street
 Ind. 1322 L Street
 D. C. 317 F Street N. E.

- *Shaw, Howard K. (IV, 120)
 Shawn, George B. (III, 76½)
 Shea, James W. (IV, 98)
 LL. B., Washington College of Law
- *Shea, Mary F. (II, 24)
 *Shea, Thomas I. (VI, 82)
 Shearman, Janet C. (IV, 30)
 Shepard, Alice M. (V, 3)
 Shepard, Ernest S. (IV, 43)
 †Shepherd, Edwin J. (II, 18)
- Sheriff, George R. (IV, 87)
 Shillinger, J. E. (V, 0)
 Shinn, Clarice F. (II, 61)
 *Shively, Mrs. Eva T. (II, 10)
 †Short, Verna G. (VI, 50)
 Shugrue, Fenwick (V, 80½)
 †Shumaker, W. Warren (IV, 12)
 Shutack, John (IV, 61)
 Siegler, C. Estelle (II, 74)
 *Silva, Pablo M. (II, 9)
 Silver, Reva (II, 34)
 Simmonds, Albert G. (VI, 0)
 Simon, David R. (IV, 57)
 Sladen, W. Milton (II, 48)
 *Slapnick, Helen (II, 0)
 *Slayback, Lucile (II, 9)
 Sloan, Nathaniel C. (III, 41)
 *Sloane, Mrs. Anne B. (VI, 147½)
 *Smead, Llewellyn W. (IV, 15)
 Smead, Winifred E. (VI, 0)
 Smith, Alice C. (III, 74)
 Smith, Ardis A. (IV, 50)
 Smith, Audley L. (II, 68)
 *Smith, Clarence E. (IV, 76)
 Smith, Cleala L. (II, 0)
 Smith, Della (II, 0)
 †Smith, Hassell B. (IV, 0)
 *Smith, Helen (II, 12)
 Smith, Lillian M. (IV, 84)
 *Smith, Virginia M. (II, 34)
 Smithwick, William V. (IV, 91)
 *Smoot, Ernest (VI, 0)
 Smyth, Walter W. (I, 123)
 Snider, George G. (V, 99½)
 Soars, Margaret I. (V, 91)
 Soeth, Dorothy (II, 0)
 *Somdal, Carl T. (III, 0)
 Somerville, Thomas, Jr. (IV, 0)
 Sorber, D. Glenn (III, 75½)
 Sorenson, James C. (VI, 12)
 Spear, Albert A. (III, 90)
 Speer, Ray (II, 17)
 *Spoerri, Jay Fuller (II, 120)
 Stadler, Robert B. (VI, 126)
 Stambaugh, Anna M. (II, 13)
 Stanton, William H. V. (I, 0)
 Stearns, Mrs. Alma C. (II, 6)
 Steel, Annette E. T. (II, 92)
 Steinberg, Pearle R. (II, 28)
 Stephens, Dorothea (II, 30)
 *Stephens, Ernest W. (IV, 121)
 Stephens, Wilda E. (II, 0)
 Stevens, Edwin H. (II, 12)
 *Stevens, Ruth (II, 6)
 Stewart, Mary (II, 82)
 Stiles, Theobelle (II, 24)
 Stitt, Agnes W. (II, 0)
- *Stone, Darrus M. (IV, 21)
 Storck, Dorothea F. (II, 43)
 *Storey, William J. (IV, 0)
- N. J. 1100 Vermont Avenue
 Md. Bureau of Standards
 D. C. 4427 Iowa Avenue
- D. C. 732 Morton Street
 Conn. 15 Girard Street N. E.
 D. C. 1453 Girard Street
 N. H. 1101 K Street
 D. C. 1114 25th Street
 D. C. 1407 North Carolina Avenue
 N. E.
 D. C. 1415 Chapin Street
 Md. 1107 Irving Street
 Ind. E-F Bldg., Government Hotels
 D. C. 3121 Mt. Pleasant Street
 D. C. 1329 Belmont Street
 D. C. 1801 Calvert Street
 D. C. 2134 F Street
 Pa. 608 Elliott Street N. E.
 D. C. 115 Oak Avenue, Takoma Park
 D. C. 1817 F Street
 Md. Odenton, Md.
 Va. Cherrydale, Va.
 D. C. 2802 Cathedral Avenue
 D. C. 120 11th Street S. E.
 Iowa Copley Courts
 Ark. 3510 New Hampshire Avenue
 D. C. 4314 15th Street
 Sweden Burlington Hotel
 Md. 1603 Massachusetts Avenue
 Ind. 1326 Massachusetts Avenue
 Conn. 3242 38th Street
 Iowa 702 20th Street
 Iowa 2007 F Street
 Va. 717 6th Street
 Ill. Ballston, Va.
 Okla. 2129 G Street
 Ill. 424 E. Capitol Street
 Iowa 1828 I Street
 D. C. 3919 14th Street
 S. D. The Calverton
 D. C. 1868 Columbia Road
 D. C. 2521 Connecticut Avenue
 Conn. 1016 15th Street
 Mich. 1431 Chapin Street
 Pa. 1916 G Street
 Iowa I-K Bldg., Government Hotels
 Ill. 1726 N Street
 D. C. 5600 16th Street
 Wash. 1717 17th Street
 Kans. 1917 G Street
 D. C. 4 6th Street N. E.
 Kans. 1825 K Street
 Ill. House Office Building
 Texas Treasury Department
 D. C. 1240 D Street N. E.
 D. C. 1427 Newton Street
 D. C. 2919 South Dakota Avenue N. E.
 Pa. 2019 N Street
 Ga. 1317 Irving Street
 D. C. 1714 Summit Place
 S. Dak. 3320 16th Street
 Mo. X-Y Bldg., Government Hotels
 Md. Box 47, La Plata, Md.
 Mass. Anacostia, D. C.
 Tenn. The Naples
 N. Dak. 1436 N Street
 Md. Ridgewood Avenue, Chevy Chase, Md.
 D. C. 1022 Spring Road
 Va. R. F. D. No. 2, Alexandria, Va.
 Del. Y. M. C. A.

- *Stout, Mrs. Agnes J. (II, 87)
 *Stout, Forrest D. (V, 121½)
 Stoutmayer, Helen (III, 40)
 Straley, Harrison W., 3d (III, 25)
 Street, Mrs. Eva B. (II, 0)
 Stringham, Emerson (III, 59)
 Stritzinger, Elizabeth (II, 0)
 Strother, David H. (III, 86)
 Sulit, Gil L. (III, 0)
 Sullivan, Angela (II, 12)
 Sullivan, Florence (IV, 113)
 Sullivan, James F. (VI, 54)
 Summers, Miss Elder P. (I, 102)
 Sutfin, James A. (III, 28)
 Swecker, Icie Lillian (IV, 82)
- Sweeney, William T. (III, 31)
 Swindells, Frank E. (III, 24)
 Symons, Arthur (VI, 65½)
 Sze, Wai Ling (II, 98)
- Tansil, Rebecca C. (II, 85)
 †Taylor, Della L. (II, 38)
 *Taylor, Frank (VI, 0)
 *Taylor, Robert M. (V, 120)
- Thomas, Eugene S. (IV, 12)
 Thomas, Laura K. (II, 57)
 Thompson, Helen B. (II, 56)
 *Thomson, Elsie A. (VI, 19)
 *Thorne, Francis B. (II, 18)
 Thorne, Maurice A. (III, 105)
 Thurber, Mildred E. (V, 55)
 Tice, Howard M. (IV, 114½)
 *Ticknor, Flora W. (VI, 0)
 Tilton, Emily (I, 0)
 †Titus, Harold H. (VI, 0)
 Tolson, Clyde A. (IV, 31)
 Tolson, Hillory A. (II, 45)
 *Townsend, Willis B. (II, 0)
 †Trenholm, Gerald Lee (IV, 0)
 Trimble, Gerald R. (VI, 0)
 Truscott, Hazel R. (IV, 16½)
 Trusheim, Edwin R. (IV, 12)
 Tso, Wai-Ting (VI, 12)
 †Turner, Bolon B. (IV, 131)
 Turner, Marie A. (II, 81)
- Umbeck, Nelda R. (II, 70)
 Updegraff, C. M. (IV, 105)
- Utz, Ruth E. (I, 0)
- Vaccaro, Josephine M. (II, 30)
 Vaccaro, Mary J. G. (II, 28½)
 Vail, Margaret L. (IV, 3)
 Van Doren, Lurana (III, 76)
 *Vaux, Catherine L. (II, 94½)
 Veley, Bernice A. (III, 38)
 Vickers, Rose (II, 95)
 Viens, Bernard G. (VI, 66)
 *Voorns, Robert A. (I, 26)
- Wagonseller, Edith M. (II, 9)
 *Waits, Katherine E. (II, 107)
 Walker, C. Melville (VI, 86)
 Walker, Dorothy (VI, 18)
 Walker, Effie L. (II, 90)
 Wall, Irving I. (IV, 12)
 Wallace, Ralph W. (IV, 3)
- Walter, Nellie M. (II, 3)
- Colo. 1812 K Street
 Kans. 2162 Florida Avenue
 D. C. 4012 14th Street
 W. Va. 1786 Columbia Road
 D. C. 1300 Massachusetts Avenue
 N. Y. U. S. Patent Office
 D. C. Washington Barracks
 W. Va. 3153 Mt. Pleasant Street
 P. I. Georgetown University
 D. C. 1368 Kenyon Street
 Pa. 1312 Fairmont Street
 Mass. 502 1st Street S. E.
 Va. 1715 G Street
 D. C. 1534 16th Street
 Va. 300 Virginia Avenue S., Clarendon, Va.
 Va. Gainesville, Va.
 D. C. 3426 Macomb Street
 Mich. 1311 N Street
 China 2026 G Street
- Tenn. 1860 Mintwood Place
 Md. Glen Echo, Md.
 D. C. 3453 Newark Street
 D. C. 607 North Carolina Avenue S. E.
 D. C. 717 Massachusetts Avenue N. E.
 Kans. 4909 14th Street
 Ark. 1330 Massachusetts Avenue
 N. Y. 2544 14th Street
 D. C. 205 D Street N. E.
 Md. Beechwood, Tunlaw Road
 N. Y. 914 Massachusetts Avenue
 Pa. 2005 G Street
 D. C. Hotel Gordon
 D. C. 1920 S Street
 D. C. 1909 H Street
 Iowa 1733 N Street
 Iowa 1733 N Street
 D. C. 321 A Street S. E.
 S. Dak. 902 M Street
 D. C. 1501 16th Street
 D. C. 3130 Walnut Street N. E.
 D. C. 210 B Street S. E.
 China 1343 E Street
 Ark. 1312 N Street
 N. C. 1730 Q Street
- Mo. The Hadleigh
 Md. 14 Sycamore Avenue, Takoma Park, Md.
 Va. 308 16th Street S. E.
- Italy 316 H Street
 D. C. 800 6th Street N. E.
 D. C. The Ambassador
 D. C. 723 8th Street N. E.
 Pa. 1860 Columbia Road
 N. Y. 3814 5th Street
 Md. 3339 N Street
 Mass. 1430 Rhode Island Avenue
 1823 I Street
- D. C. 738 Rock Creek Church Road
 Miss. 1918 I Street
 D. C. 1829 19th Street
 D. C. 1431 Newton Street
 Miss. 1229 Connecticut Avenue
 D. C. 1034 20th Street
 Okla. Care Hon. L. M. Gensman, M. C.
 Ohio 1824 California Street

- *Wang, Robert U. (IV, 126)
 *Wang, W. Shih-Nai (IV, 124)
 Ward, Arthur Lee (IV, 24)
 Ward, Mary Frances (II, 17)
 Waring, Anna F. (IV, 0)
 *Warner, William J. (III, 120)
 Warren, Bessie B. (IV, 6)
 Warren, Dorothy (II, 12)
 Watt, Lucy (I, 92)
 Waung, Ang-Chung (VI, 67)
 Weadon, Leafy M. (II, 27)
 *Weber, Georges M. (VI, 116)
 Webster, Frances M. (II, 0)
 Weckerly, Ida (IV, 5)
 Weigandt, Harry N. (IV, 85)
 Weikert, Gladys L. (I, 12)
 Weinschelbaume, Samuel (V, 86½)
 *Weiss, George (II, 142)
 Wells, Arthur W. (III, 59)
 *Welo, Hazel (II, 0)
 Wenger, Marie Ruth (II, 0)
 West, Caroline (IV, 18)
 Weyl, Celeste M. (IV, 65)
 *Wheeler, Edward S. (II, 0)
 Wheelchel, K. Louise (IV, 57)
 †White, Clay M. (III, 0)
 White, Edwin Lee (III, 89½)
 *White, Helen M. (II, 121)
 White, Robert E. (IV, 34)
 Whitfield, Elizabeth F. (IV, 0)
 †Whitman, Le Roy H. (II, 0)
 *Whitman, Marian R. (II, 0)
 *Wilder, William F. (III, 157½)
 *Wildman, Louyse U. (III, 0)
 *Wiley, Virgil Brooks (IV, 105½)
 Wilgus, Mildred (VI, 21)
 Wilkes, James C. (IV, 0)
 *Willey, Harold B. (IV, 39)
 Williams, Carrie A. (II, 6)
 Williams, Helen H. (IV, 57)
 Williams, John A. (IV, 0)
 Williams, Louise E. (II, 59)
 Williams, Milton L. (IV, 9)
 *Williamson, Kenneth T. (II, 0)
 Williford, Imogene (IV, 15)
 Willis, Benjamin C. (VI, 87)
 *Willis, John E. (III, 4)
 *Willis, Robert E., Jr. (VI, 0)
 Wilson, Anna (II, 0)
 Wilson, Genevieve J. (II, 54)
 Wilson, Herman M. (II, 0)
 Wilson, Phoebe A. (III, 0)
 Wilson, Robert C. (VI, 27)
 Wilson, Ruth (II, 15)
 Wilson, Thomas B. (V, 29)
 *Wimsatt, Genevieve B. (II, 0)
 *Winter, Ruth C. (III, 0)
 Wischart, Malcolm B. (IV, 81)
 Wolpe, Ethel D. (II, 12)
 *Wong, T. P. Gladstone (IV, 29)
 Woodson, Mrs. Fred Lee (IV, 30)
 LL. B., G. W. U.
 Woolard, Edgar W. (III, 6)
 Woolery, John (II, 0)
 Wormser, Hazel M. (II, 18)
 *Worthington, George B. (IV, 9)
 Wrenn, Katharine T. (II, 0)
 Wright, Debbye Jean (II, 19)
 China 1764 K Street
 China 2217 H Street
 Calif 1736 G Street
 Pa. 1801 I Street
 D. C. 616 Quebec Place
 Calif. 1107 Clifton Street
 Md. 64 Livingston Road, Congress Heights
 Md. Silver Spring, Md.
 D. C. 113 Massachusetts Avenue
 China 2419 Massachusetts Avenue
 Va. 3413 P Street
 D. C. 4311 Jewett Street
 D. C. 1901 Wyoming Avenue
 Md. 105 E. Bradley Lane, Chevy Chase, Md.
 D. C. 1116 Rhode Island Avenue
 S. Dak. 637 Park Road
 D. C. 1017 12th Street
 Minn. 2028 F Street
 Ind. 626 Rock Creek Church Road
 Minn. 1104 M Street
 D. C. The Chastleton
 Va. 224 N. St. Asaph Street, Alexandria, Va.
 Ill. 1308 Connecticut Avenue
 Mass. 1600 Rhode Island Avenue
 D. C. 1840 Biltmore Street
 D. C. 65 Florida Avenue
 D. C. 5200 13th Street
 D. C. 1002 Nichols Avenue S. E.
 S. C. 1910 G Street
 D. C. 806 F Street N. E.
 D. C. 949 Shepherd Street
 D. C. 301 Maryland Avenue N. E.
 N. J. 1523 22d Street
 D. C. 1232 Euclid Street
 Del. 808 19th Street
 Ohio 1404 M Street
 D. C. 2319 N. Capitol Street
 Mass. 3020 Macomb Street
 Mo. 1401 Columbia Road
 D. C. 3917 McKinley Street, Chevy Chase
 Va. 1819 K Street
 D. C. 3917 McKinley Street, Chevy Chase
 Miss. 1733 N Street
 D. C. 3308 8th Street N. E.
 Miss. 30 9th Street S. E.
 Md. 1603 Massachusetts Avenue
 N. Y. 2511 Hall Place
 Ill. 3313 22d Street N. E.
 Ohio The Hadleigh
 D. C. The Cumberland
 Md. 1917 S Street
 Md. Bethesda, Md.
 N. C. 238 1st Street S. E.
 Ark. 213 5th Street N E
 La. Sherman Apartments
 D. C. 215 8th Street S. W.
 Pa. 1216 Girard Street N. E.
 Ill. Y. M. C. A.
 D. C. 918 4½ Street S W
 China 932 New York Avenue
 Mo. 1759 Columbia Road
 D. C. 2028 F Street
 Okla. 4402 7th Street
 Kans. 1226 13th Street
 Ala. 1217 Otis Place
 D. C. The Wyoming
 Ark. 1104 M Street

| | | |
|----------------------------------|-------|--------------------------------------|
| Wright, Katherine V. (II, 0) | D. C. | 1501 Lamont Street |
| *Yeldell, Fanny F. (III, 0) | Texas | 1114 Vermont Avenue |
| Young, Harold M. (III, 0) | D. C. | 102 Columbia Street, Cherrydale, Va. |
| Youngman, Frederick E. (IV, 0) | Wyo. | 1734 K Street |
| *Zamierowski, Sigmund S. (IV, 0) | Pa. | 1328 Columbia Road |
| Zanner, Albert W. (VI, 19) | D. C. | 1608 Longfellow Street |
| *Zimmerman, Alice D. (IV, 0) | Md. | 1423 R Street |
| Zimmerman, Gretchen O. (II, 27) | Pa. | 2018 F Street |
| Zimmerman, William E. (IV, 119) | Pa. | 1603 Massachusetts Avenue |
| Zirkle, Vernon B. (IV, 31) | Va. | 410 3d Street |
| Zobel, Carl G. F. (III, 102½) | D. C. | 701 Rock Creek Church Road |
| Zobel, Oscar A. (IV, 0) | Wash. | 704 20th Street |
| Zucker, Joseph (II, 35) | N. Y. | 2716 Ontario Road |

BACHELOR OF SCIENCE IN MEDICINE

| | | |
|---------------------------------|---------------|---------------------------|
| Atalla, George G. (26½) | Egypt | 1127 11th Street |
| *Berkman, Morris H. (0) | D. C. | 816 B Street S. W. |
| Boettcher, Allen M. (0) | D. C. | 1203 New Jersey Avenue |
| Bonanno, Emil S. (0) | N. Y. | 2013 H Street |
| Bowen, Wilbur L. (41) | Va. | Emergency Hospital |
| *Brotman, Isadore I. (28) | D. C. | 1430 Meridian Place |
| Burgin, Walter H. (62) | D. C. | 1509 Vermont Avenue |
| Camp, Francis W. (64½) | D. C. | 2823 27th Street |
| Charest, Anna M. (65) | Mich. | 2581 Tunlaw Road |
| Cole, Hazen E. (72) | D. C. | 639 East Capitol Street |
| Colvin, Henry L. (38) | D. C. | 926 B Street S. W. |
| Cromer, Jerry K. (0) | Va. | 1218 11th Street |
| *Cunningham, Frederick B. (43½) | Va. | Oakton, Va. |
| Davies, Joshua William (80) | Pa. | 2032 F Street |
| †Gilbert, Harry Alyce (14 2-3) | Okla. | 221 E. Capitol Street |
| Gittleman, Morton (0) | D. C. | 1328 7th Street |
| †Handcock, Esther V. (34) | Santo Domingo | 2140 Pennsylvania Avenue |
| Hottel, Dorothy (36½) | Md. | 1239 Monroe Street N. E. |
| Ketner, Fred Y. (19) | N. C. | 2140 N Street |
| Lampert, Fred W. (5) | Wash. | 113 Kentucky Avenue S. E. |
| Lane, Abigail (31) | D. C. | 1940 Biltmore Street |
| Lewis, Julius E. (31) | D. C. | 813 L Street |
| †Orem, John Manly (0) | D. C. | 47 Randolph Place |
| *Pagan, Albert E. (105) | D. C. | The Rochambeau |
| Ritchie, William S. (40) | Md. | Ritchie, Md. |
| Schutz, Charles A. (59½) | Md. | 1825 Columbia Road |
| †Schwinn, George H. (0) | D. C. | 1731 Columbia Road |
| Smith, Howard L. (31) | D. C. | 643 9th Street N. E. |
| *Spano, Frank (34) | Italy | 2013 H Street |
| Van Natta, Paul C. (74) | Mo. | 1929 K Street |
| Venenozo, Fernando O. (48) | P. I. | 1119 17th Street |
| Wiard, George C. (33) | Va. | 933 New York Avenue |

SPECIAL—PRE- MEDICAL

| | | |
|--------------------------|-------|--|
| Alpher, Isadore M. (0) | D. C. | 20 New York Avenue |
| *Baer, Donald E. (39½) | D. C. | 1744 Corcoran Street |
| Balter, Abraham (0) | Pa. | 2015 G Street |
| Berman, Samuel B. (0) | D. C. | 1138 7th Street |
| Bolen, Robert (0) | Va. | 618 22d Street |
| Brimer, Thomas J. (33) | D. C. | 1016 Massachusetts Avenue N. E. |
| *Brotman, Melvin (11) | D. C. | 1430 Meridian Place |
| Brown, Elmer G. (0) | Md. | 3211 Newton Street N. E., Mt. Rainier, Md. |
| *Burns, James E. (25) | D. C. | 217 13th Street S. E. |
| †Butler, Arden J. (41) | Tenn. | 1211 13th Street |
| Calhoun, Edward J. (26) | D. C. | 1201 Girard Street |
| Castleman, Mary Lee (0) | Va. | East Falls Church, Va. |
| Chapman, Katherine (91) | Md. | Kensington, Md. |
| Comas, Arsenio (32) | D. C. | 1710 G Street |
| Copping, John B. (0) | D. C. | 1632 17th Street |
| Creveling, Cyrus R. (16) | Pa. | 511 9th Street S. W. |
| Dantzig, Louis (34) | D. C. | 1237 C Street S. W. |

- Davidson, James F. (39)
 Detweiler, Donald J. (0)
 Deuterman, Joel L. (22)
 De Witt, John R. (40 $\frac{1}{4}$)
 Dorsey, James A. (39 $\frac{1}{2}$)
 Egli, Edwin B. (32)
- *Elliott, John P. (121)
 *Eschback, Philip I. (8)
 Fahey, Willis H. (0)
 Farrar, Frederick W. (9)
 Felps, Hugh E. (0)
 Fradkin, William (0)
 Friedenber, Harry (89)
 Gable, George R. (0)
 Gault, Paul S. (16)
 Gelpi, William L. (6)
 Ginsburg, Harry (0)
 Gladmon, Oliver M. (0)
 Goldstein, Alfred (28)
 †Gordon, Leon S. (10)
 Graeff, Earl W. (0)
 Graffius, Donald W. (0)
 Green, Holland H. (31)
 *Grimley, George J. (0)
 Haas, Nelson W. (0)
 Harberg, Hyman (21 $\frac{1}{2}$)
- Harmon, Robert H. (0)
 *Hennessey, John P. (10)
 Heron, Holland (0)
 Hixson, Clayton H. (16)
 Hottman, Herbert H. (0)
 *Howells, Russell W. (10 $\frac{1}{2}$)
 *Hughes, William Henry (45)
 Irizarry, Benito A., Jr. (0)
 Jenkins, Francis M. (0)
 Joost, David (68)
 Kirk, Ella J. (0)
 Kirk, May T. (6)
 Krause, Edward A. (67)
 Kundahl, Rose E. (0)
 Lang, Richard J. (42)
 Litteral, Emmett B. (10)
 McCarthy, John L. (38)
 *McElhinney, William J. (0)
 †MacCarteney, Richard S. (60)
 MacIntyre, Malcolm F. (3)
 *Maroon, Mahine B. B. (0)
 †Mayer, Joseph A. (45)
 Meiman, William G. (40)
 *Montani, Rocco J. (86)
 Murray, Raymond W. (28)
 Neviasser, Arnold H. (10)
 O'Donnell, A. Daniel (16)
 Oertly, Allan W. (0)
 Ostrom, Hilda R. (126)
 Ottman, Millard F. (19)
 Pabst, Edwina E. (0)
 *Petty, Edward A. (0)
- *Putnam, Persis (13)
 A. M., Smith College
 *Rea, Courts D. (34)
 Reams, Paul E. (67)
 Renz, Millard F. (32)
 Riwehchun, Meyer (34)
 Robb, Theodore (6)
 Rogers, Sam L., Jr. (54)
 Rooney, Harold E. (0)
 *Seward, Doris M. (29)
 *Shapiro, Maurice C. (0)
 *Simpson, Jesse N. (0)
- D. C. 2022 F Street
 D. C. 1120 Virginia Avenue S. W.
 Va. 1301 H Street
 Ohio 1800 K Street
 Va. Y. M. C. A.
 Iowa The Leamington, 14th and Clif-
 ton Streets
 Md. 127 T Street
 Md. 1817 Kalorama Road
 D. C. 512 Rhode Island Avenue
 D. C. 1452 Euclid Street
 Tenn. 1531 P Street
 N. Y. 315 7th Street N. E.
 D. C. 917 6th Street S. W.
 D. C. 4729 Georgia Avenue
 Va. Naval Medical School
 P. R. 1 Grant Place
 D. C. 52 N Street
 D. C. 1364 Irving Street
 D. C. 633 D Street
 D. C. 321 N Street S. W.
 Pa. 2007 G Street
 Pa. 116 Massachusetts Avenue
 Ind. 2032 I Street
 Mass. 201 I Street
 N. Y. U. S. Weather Bureau
 Va. 400 S. Lee Street, Alexandria,
 Va.
- Miss. 1935 Calvert Street
 Conn. 2821 Q Street
 D. C. 5437 Connecticut Avenue
 D. C. 624 Irving Street
 Iowa Walter Reed Hospital
 D. C. 1600 Rhode Island Avenue
 D. C. U. S. Naval Medical School
 P. R. 1918 H Street
 D. C. 614 I Street S. E.
 Texas 2934 Vista Street N. E.
 D. C. 308 F Street
 Md. 308 F Street
 Kans. Y. M. C. A.
 D. C. 59 Bryant Street
 N. Y. 3127 N Street
 Mo. Y. M. C. A.
 D. C. 509 3d Street N. E.
 D. C. 1700 T Street
 D. C. 3123 Dunbarton Avenue
 Maine 1906 G Street
 Egypt 1127 11th Street
 Pa. 2135 H Street
 D. C. 416-A Warner Street
 N. J. 1618 H Street
 D. C. 209 6th Street N. E.
 D. C. 512 3d Street
 D. C. 317 W Street N. E.
 D. C. 1217 Quincy Street N. E.
 Md. 3623 New Hampshire Avenue
 D. C. 2117 3d Street N. E.
 D. C. 4622 15th Street
 Maine Care Bureau of Railway Eco-
 nomics
 Ill. 500 Dahlia Street, Takoma
 Park
 Ind. 1321 Delafield Street
 Texas 308 E Street N. E.
 D. C. The Alabama
 N. Y. 1349 6th Street
 D. C. 1349 F Street N. E.
 N. C. 3610 Macomb Street
 N. J. 1321 Massachusetts Avenue
 Vt. 1341 A Street N. E.
 D. C. 3219 11th Street
 D. C. 1825 Kalorama Road

Smith, Baxter (0)
 *Somers, Charles J. (124)
 Sosa, Eduardo M. (15)
 Stretch, James E. (44)
 Strycovsky, Zoi (0)
 Suraci, Francis X. (38)
 Suraci, Xavierius A. R. (43)
 *Suter, Thomas L. (9)

Tabor, Blanche (20)

Talavera, Damaso, Jr. (25)
 Tarwater, Elmer L. (13)
 Tetrault, Amedee (0)
 *Thurman, James. (0)

Villaneuva, Paterno A. (22)

*Walker, Ferris (29)
 Walker, V. La Verne (0)
 *Waters, John E. (0)
 Weber, Lulu F. (0)
 Weeks, Norman E. (24)
 Wildman, Thomas A. (0)
 Williams, Miss Willie M. (0)
 Wilson, John N., Jr. (22)
 Wilton, Ralph W. (32)

Va. East Falls Church, Va.
 N. J. 1618 H Street
 Panama Panama Legation
 Conn. 1829 19th Street
 Egypt 1723 5th Street
 D. C. 1223 H Street N. E.
 D. C. 1602 7th Street
 D. C. 27 H Street

D. C. 310 Columbia Street, Cherrydale, Va.

P. R. 1633 Monroe Street
 Mo. 1402 16th Street
 Mass. 415 10th Street N. E.
 Utah 1312 N Street

P. I. Providence Hospital

D. C. 2548 17th Street
 Ill. 723 8th Street N. E.
 Md. Berwyn, Md.
 W. Va. 1225 L Street
 D. C. 1026 Irving Street N. E.
 D. C. 1232 Euclid Street
 Va. 514 7th Street N. E.
 Md. 2025 H Street
 D. C. 1919 I Street

SPECIAL STUDENTS

Aaron, Henry
 Aaronson, Ruth
 *Adams, Linn A.
 *Aitchison, Riley L.
 Alexander, Georgia L.
 *Alexander, Sarah E.
 Alkene, Emily
 *Allen, Christie
 Allen, Edith V.
 *Allred, Edna B.
 *Anderson, Arthur D.
 *Anderson, Mary E.
 †Andrews, Alice
 *Apashi, Chuichi
 *Armvine, Harriette R.
 *Austin, Sadie M.

N. J. 1102 5th Street N. W.
 D. C. 1106 Fairmont Street
 D. C. 1213 Decatur Street
 Nebr. 4706 15th Street
 Mo. 2023 O Street
 Ga. Gunston Hall
 D. C. G-H Bldg., Government Hotels
 D. C. 1300 Massachusetts Avenue
 Va. 1420 Harvard
 Ohio 1903 15th Street
 D. C. 319 F Street N. E.
 Ky. 2708 Ontario Road
 Ohio 707 22d Street
 Japan Japanese Embassy
 Pa. 1731 S Street
 Md. 16 7th Street N. E.

Bachelor, Alice
 *Backus, Hadassah
 Baer, Francis M.
 Bailey, Joseph P.
 Bailey, Vera
 *Baldwin, Estelle H.
 *Bales, Henri A.
 *Bales, Rosemarye C.
 *Balster, Joseph A.
 *Barclay, Ruth
 *Barnes, Emma B.
 *Barnes, Edith
 Barnes, Mrs. Florence H.
 Bartholomaeus, Laura M.
 *Basford, Irene W.
 Baush, Elizabeth
 *Beadle, Mary A.
 Beagles, Miss Johnnie L.
 Beatty, Sara
 Becker, Edna M.
 *Becker, Rhoda Elizabeth
 *Beery, Mary
 *Behymer, Grace S.
 *Bell, Florence C.
 †Bender, Myrtle L.
 †Benner, Robert W.

Mass. 808 19th Street
 Va. U. S. Geological Survey
 D. C. 1744 Corcoran Street
 D. C. 814 5th Street N. E.
 D. C. 216 8th Street S. W.
 Va. 1225 Que Street
 D. C. Room 320, District Bldg.
 D. C. Library of Congress
 D. C. 1503 28th Street N. W.
 D. C. 2226 1st Street
 Pa. V-W Bldg., Government Hotels
 D. C. 143 11th Street N. E.
 D. C. 1425 Chapin Street
 D. C. 1812 Vernon Street
 S. D. 2700 36th Street
 Pa. T-U Bldg., Government Hotels
 D. C. Fontanet Courts
 Mo. 1330 L Street
 D. C. 4027 Georgia Avenue
 D. C. 1639 Hobart Street
 D. C. 1639 Hobart Street
 Ohio I-K Bldg., Government Hotels
 D. C. The Ventosa
 N. Y. 1512 Crittenden Street
 Ind. 1104 M Street
 D. C. 611 Massachusetts Avenue N. E.

- Bennet, Nelly S.
 *Bennett, Martha D.
 *Benson, Mabel M.
 *Beppler, Elsie M.
 *Beran, Julia S.

 *Berens, Elizabeth C.
 Bergner, Mrs. Sophie J.
 Berkeley, Mary P.
 *Besse, Miss Marion
 Bigelow, Dorothy L.
 *Biggins, Margaret M.
 Bisselle, Hulbert

 *Blair, Louise F.
 *Blanchard, Mrs. Frances A.
 *Blaurock, Veronica F.
 Blinn, Florence A.
 *Bode, Margaret T.
 *Bogorad, Nina
 Boineau, Leon I.
 Boland, Fern E.
 *Bolen, Margaret L.
 Bollman, Ruby

 *Bonuccelli, Mary
 *Borgstadt, Mrs. Ettie G.
 *Boswell, Patrice L.
 *Bowman, Hazel Grace
 *Bowman, Mrs. Maud M.
 *Boykin, Basil P.
 Bradley, George A.
 Brady, Edna T.
 Brady, Lawrence W.
 *Bramlette, Milton N.
 *Brandenburg, Dorothy I.
 *Brayton, Jean H.
 Briggs, William Paul
 Brining, A. Meta
 Bromell, John R.
 *Brooks, Ada V.
 Brown, Augusta Hanlon
 *Brown, Barrett F.
 *Brown, C. Virginia
 Brown, Dewey L.
 *Brown, Edgar G.
 *Brown, Hallie
 Brown, L. C.
 *Brown, Zelda
 *Browning, Elizabeth C.
 *Browning, Jean
 Brubaker, Mrs. Bessie A.
 Bruce, Myrtle Belle
 Brundage, Dean K.
 Buchanan, Edmund L.
 *Buechele, Emma A.
 Buechler, Mary F.
 Buckhardt, Esther H.
 *Bunch, Mrs. Mary W.
 *Burch, Philip H.
 *Burke, Alice
 †Burkhalter, Lawrence R.
 *Burton, Betty
 *Burus, Helen Marie
 Butler, Mary J.
 *Butterworth, Esther A.
 *Byerly, Herbert S.
 Cain, Isabelle B.
 Caldwell, David R.
 *Caldwell, Dorothy

 *Calvert, Naidene P.
 Campbell, Jean T.
- D. C. The Parkwood
 D. C. 1512 Allison Street
 Wis. 1335 Columbia Road
 N. Y. T-U Bldg., Government Hotels
 D. C. 932 North Carolina Avenue
 S. E.
 D. C. 635 Maryland Avenue S. W.
 D. C. 1432 F Street N. E.
 Va. 2144 California Street
 Ohio 1330 L Street
 Maine 3315 R Street
 D. C. 19 Grafton Street, Chevy Chase,
 Md.
 D. C. 13 R Street N. E.
 D. C. 725 19th Street
 N. Y. V-W Bldg., Government Hotels
 D. C. 1223 Talbert Street S. E.
 Ohio 131 A Street N. E.
 D. C. 19th and C Streets S. E.
 D. C. 751 Princeton Street
 Ill. 2113 N Street N. W.
 D. C. 642 Lexington Place N. E.
 D. C. 31 Westmoreland Avenue, Ta-
 koma Park, D. C.
 D. C. 211 D Street N. W.
 D. C. 1226 11th Street
 Mass. Willard Courts
 Tenn. 100 V Street N. E.
 D. C. 3415 Brown Street
 D. C. 1478 Harvard Street
 D. C. 158 F Street S. E.
 R. I. Albemarle Apartments
 Iowa 1400 L Street
 D. C. 704 20th Street
 D. C. 1824 Calvert Street
 D. C. 1224 C Street N. E.
 D. C. 237 9th Street N. E.
 D. C. 763 Harvard Street
 Pa. 1700 L Street
 N. C. E-F Bldg., Government Hotels
 D. C. The Cumberland
 Ohio 1 Dupont Circle
 D. C. 1712 3d Street N. E.
 Ky. 405 8th Street N. E.
 Ark. 312 Falkstone Courts
 Ill. G-H Bldg., Government Hotels
 D. C. 1727 Riggs Place
 D. C. 1118 Columbia Road
 Utah King-Smith Studio School
 N. C. 1702 19th Street
 Ind. 1150 N. Capitol Street
 Mich. 3012 13th Street
 D. C. 2472 Ontario Road
 D. C. 5504 7th Street
 Iowa U. S. Patent Office
 D. C. 1919 H Street
 Wis. 1486 Newton Street
 W. Va. 943 Q Street
 D. C. 460 H Street
 Nebr. T-U Bldg., Government Hotels
 D. C. Bureau of Standards
 Ill. 3121 Mt. Pleasant Street
 D. C. 1920 Biltmore Street
 Ireland 1312 Connecticut Avenue
 Va. East Falls Church, Va.
 D. C. 1950 Calvert Street
 D. C. 2715 14th Street
 D. C. 3342 Mt. Pleasant Street
 D. C. 1532 16th Street

 D. C. Willard Courts
 D. C. 301 8th Street N. E.

- Cannon, Earl J.
 Cantrell, Georgia E.
 Carlson, Elsie
 Carlson, Vivian
 *Carter, Elsie Grayson
 †Carver, Margaret B.
 Cassidy, Frances M.
 Cate, Catherine E.
 Cavin, Emma Anne
 Chagnon, Emma M.
 Chalk, Sallie J.
 *Chapin, Ellen D.
 Chenault, Roy L.
 *Childress, Elizabeth R.
 *Chinn, Hugh D.
 *Clare, Vida
 Clark, Earl P.
 Clark, Helen A.
 Clark, Isabell
 *Clark, Mrs. Mary H.
 Clark, William Earl
 *Clay, Margaret
 Clement, Margaret A.
 Clifford, Portia M.
 Cline, Bertha B.
 Cobb, Andra D.
 *Cobb, John D.
 *Cobb, Judson C.
 *Coburn, Mary G.
 Cochran, George B.
 Coe, Mrs. Anna Hart
 †Cogswell, Eunice M.
 *Colburn, Dorothy V.
 Colburn, Edna F.
 *Coleman, May B.
 Collins, Lucile W.
 †Collins, Mrs. Mary C.
 †Collins, P. J.
 Collins, Sue A.
 *Comeau, Martin F.
 *Compton, Bertha L.
 *Conner, Lulu E.
 Connolly, Anna B.
 †Connor, Winifred A.
 Cook, Fannye A.
 *Cook, F. Morgan
 Cook, Lyda I.
 †Cook, Mary W.
 *Cooke, Sylvia S.
 Cooksey, Blanche E.
 *Coover, Minerva C.
 Corbin, Maude L.
 *Cornett, Elizabeth A.
 Cornor, Ruby Helen
 Corry, Erma L.
 Corwin, Harold L.
 Cotton, Robert B.
 *Councilor, James A.
 Courtney, Francis X.
 Covington, Anna
 *Coyle, George S.
 †Craven, Mary
 *Crenney, Winifred C.
 *Criswell, Lt. Howard B.
 Crockett, Lillian J.
 †Crosby, Pearl
 Crutchley, Harry C.
 *Cullen, Sara L.
 Culp, Ruby L.
 †Culpepper, C. W.
 *Cummings, Harry G.
 Md.
 Colo.
 Nebr.
 N. Y.
 Va.
 Tenn.
 D. C.
 Ind.
 Ga.
 N. Y.
 D. C.
 D. C.
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 Colo.
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 N. Dak.
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 Miss.
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 Ill.
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 D. C.
 Pa.
 Iowa
 Pa.
 D. C.
 Mich.
 D. C.
 D. C.
 D. C.
 N. Y.
 Md.
 D. C.
 D. C.
 Mass.
 D. C.
 Tenn.
 N. J.
 Md.
 Va.
 Okla.
 Ala.
 D. C.
 Landover, Md.
 129 Varnum Street
 1363 Fairmont Street
 1929 Calvert Street
 3433 14th Street
 206 13th Street N. E.
 Tudor Hall
 1807 California Street
 1502 21st Street
 312 Taylor Street
 1319 Shepherd Street
 1412 Newton Street
 1624 P Street
 624 B Street N. E.
 906 B Street S. E.
 3510 New Hampshire Avenue
 1432 R Street
 1818 Kalorama Road
 103 Underwood Street, Chevy Chase, Md.
 3512 Lowell Street
 1029 Vermont Avenue
 3102 Mt. Pleasant Street
 2513 Cliffbourne Place
 1804 Kilbourne Place
 308 East Capitol Street
 1515 R Street
 734 15th Street
 1539 I Street
 701 Varnum Street
 1215 19th Street
 1401 Columbia Road
 1300 Fairmont Street
 627 7th Street N. E.
 627 7th Street N. E.
 1722 Massachusetts Avenue
 713 21st Street
 311 V Street N. E.
 311 V Street N. E.
 1725 T Street
 1815 Kalorama Road
 14 Evarts Street N. E.
 2506 K Street
 1219 Harvard Street
 1832 Biltmore Street
 1417 K Street
 1362 Columbia Road
 1602 16th Street
 1436 N Street
 A-B Bldg., Government Hotels
 1311 Euclid Street
 5100 14th Street
 Government Hotels
 E-F Bldg., Government Hotels
 28 Carroll Avenue, Takoma Park
 2137 Le Roy Place
 766 Rock Creek Church Road
 1214 Geological Survey
 428 Woodward Bldg.
 St. Elizabeth's Hospital
 209, The Marne
 1326 Vermont Avenue
 4709 Piney Branch Road
 1833 California Street
 16th Infantry, Camp Dix, N. J.
 Library of Congress
 Colonial Hotel
 Forestville, Md.
 1105 O Street
 1343 Park Road
 6614 Harlon Place
 1304 Kenyon Street

- *Cummings, Hazel
Cunningham, Edith G.
*Cunningham, George T.
*Curran, Isabelle
*Curtiss, Lennah M.
Cutright, Grace B.
- Dabney, Helen M.
Dabney, Katharine M.
†Dague, Charles I.
*Dally, Josephine
†Danforth, George C.
†Danforth, Percy Owen
*Daniel, Julia I.
*Daniels, Harriett W.
Darley, Mary L.
- *Darling, Dorothy
†Darnall, Jane
Dashiell, Ellen M.
Daugherty, Frances
*Davidson, Anita
*Davis, Olga F.
Davis, Wilbur L.
Davison, Frances M.
Dawes, Isabel
*Day, Samuel H.
†Day, Wilfred P.
Dealey, William L.
*Dean, Mary O.
De Forest, Mabel I.
Deibler, David H.
- *De Lambeth, Agnes S.
†Denson, Miss Willie O.
*Dent, Louvenia J.
†De Potter, Victor A.
*Dissinger, Mary E.
*Dobbin, Martha
Dodd, Mary R.
Dodds, Lura M.
*Doherty, Albert W.
*Donaldson, Frieda S.
Dondero, Albert H.
*Donetti, Mary M.
Donohue, Constance G.
*Dornin, Francis E.
*Dougherty, Edella M.
*Douthitt, Laidley E.
*Dowell, Emily N.
†Downes, Thomas E.
†Drake, Albert F.
A. B., Missouri University
Driscoll, Stephen J.
Durfee, Nancy A.
Duvall, William A.
Dworin, Eva M.
Dyer, Charles F.
Pharm.
- Earl, Edward C.
*Echols, Robert B.
†Eddingsfield, Mrs. Ora H.
Eddins, Robert E.
Edwards, Edith V.
*Ehrhart, Mina
Ehringer, Lula A.
Elbert, Bernice E.
*Elliott, Rebecca M.
Ellis, Virginia M. C.
Enlows, Mrs. Ella M.
A. B., George Washington University
- La. 1812 N Street
D. C. The Albemarle
D. C. The Albemarle
D. C. 4531 Wisconsin Avenue
D. C. 2138 California Street
Ohio 1720 21st Street
- Ohio Trinity Community House
D. C. E-F Bldg., Government Hotels
Kans. 3023 Q Street
D. C. 1308 Fairmont Street
D. C. 806 G Street N. E.
D. C. 806 G Street N. E.
D. C. 512 Randolph Street
Va. The Burlington
Va. 118 S. Royal Street, Alexandria, Va.
- D. C. 3600 10th Street
Ky. 1316 30th Street
D. C. 1344 Harvard Street
Miss. 223 11th Street S. E.
Colo. X-Y Bldg., Government Hotels
N. Y. 2142 O Street
D. C. 625 Maryland Avenue N. E.
D. C. 1432 Meridian Street
Md. V-W Bldg., Government Hotels
D. C. 1838 Lamont Street
D. C. 1241 Euclid Street
D. C. 1341 Taylor Street
D. C. 2404 Wisconsin Avenue
N. Y. 1418 Irving Street
Md. 6 Woodbine Street, Chevy Chase, Md.
- D. C. 1532 16th Street
Tenn. V-W Bldg., Government Hotels
N. C. 1641 R Street
N. Y. 1830 H Street
Pa. 1709 S Street
Iowa 1736 Church Street
D. C. 314 East Capitol Street
Iowa X-Y Bldg., Government Hotels
N. Y. 1965 Biltmore Street
Pa. 218 7th Street S. W.
Mich. 310 Machinist Bldg.
Vt. 103 Clifton Terrace, W.
D. C. 1441 R Street
D. C. National Savings and Trust Co.
Mo. 1412 Massachusetts Avenue
Ky. 1815 F Street
D. C. 3026 Newark Street
D. C. 1822 Ingleside Terrace
Va. State, War and Navy Bldg.
- Mass. 1226 Massachusetts Avenue
Mass. T-U Bldg., Government Hotels
D. C. 3302 14th Street
D. C. 1510 Oak Street
D. C. 116 V Street
- D. C. 22 3d Street N. E.
Md. Rockville, Md.
Pa. 1440 Harvard Street
Ala. 1436 Girard
Ohio X-Y Bldg., Government Hotels
Va. 1531 I Street
Ind. Weather Bureau
D. C. 1921 Biltmore Street
Ind. 1523 22d Street
D. C. 2700 Connecticut Avenue
W. Va. 1828 Lamont Street

- *Ennes, Gertrude
 Eppley, Elaine
 Ernest, Ethel F.
 Escher, Julia M.
 *Eshelman, Ruth M.
 *Esry, Velma J.
 *Evans, Dove
 *Evans, Marguerite Ann
 Farnam, E. Jean
 *Farrar, Anna H.
 Farrell, Agnes M.
 *Fatt, Mrs. Ruth
 †Faust, Helen Louise
 †Fawcett, Lawrence G.
 *Fazzoni, John Paul
 Feller, Ralph W.
 *Fenton, Paul L.
 †Fenwick, Charles R.
 *Fillius, Bessie B.
 Findlay, Lillian A.
 Finley, Nancy W.
 *Finn, Hazel M.
 *Finnerty, Anna M.
 Flagg, Verna Mary
 Fleming, Edith H.
 *Fleming, Ruby R.
 †Fletcher, John R.
 *Flood, Richard J., Jr.
 *Flower, Albert R.
 *Fogarty, Josephine U.
 *Folta, Mary T.
 *Frank, William
 *Franks, Weldon H.
 Frasier, Elizabeth S.
 Fred, Mrs. Ruby
 Freeman, Dorothy
 Freer, Albert P.
 French, Anna G.
 *French, Jacqueline T.
 Fritz, Florence Ruth
 *Fuller, Ellen C.
 *Fulton, Constance
 Fulton, Irving
 Furbershaw, James F.
 Gagne, Joseph
 *Gahn, Bessie W.
 *Garber, Sara E.
 Gard, Robert G.
 Garner, Elizabeth C.
 Gates, Eva Neville
 Gates, Mrs. Isabel L.
 Gates, Phoebe C.
 *Gaul, Bertha D.
 Gault, Mrs. Ruby
 Gellman, Harry
 Pharm.
 Gervais, Florence H.
 Gervais, Helen E.
 Ghani, Fuad A.
 Pharm.
 *Gibb, Helen S.
 Gibney, Edythe M.
 †Gillim, Alice R. D.
 Gilmore, Bernard H.
 Glass, Jewell J.
 Glover, Odessa V.
 Goddard, Jennie C.
 †Godfrey, Victor E.
 Goldman, Anna
 N. C. 1104 M Street
 D. C. 1353 East Capitol Street
 Colo. King-Smith Studio School
 Ariz. 508 1st Street
 D. C. 20 Montgomery Avenue, Ta-
 koma Park
 Ill. 1645 K Street
 D. C. P-Q Bldg., Government Hotels
 D. C. 1234 Florida Avenue
 Mich. 1812 K Street
 D. C. 1452 Euclid Street
 D. C. 1436 Clifton Street
 Ohio 912 5th Street
 D. C. 16 T Street N. E.
 Va. 517 Prince Street, Alexandria,
 Va.
 D. C. 2002 G Street
 D. C. 1335 Q Street
 D. C. 1773 Church Street
 Va. East Falls Church, Va.
 D. C. 431 5th Street S. E.
 Vt. N-O Bldg., Government Hotels
 Mo. 1452 Euclid Street
 Iowa 606 I Street
 Wis. 1213 Clifton Street
 Ill. 100 B Street N. E.
 Md. 1884 Columbia Road
 D. C. 801 Hibbs Bldg.
 D. C. 605 F Street
 D. C. 1225 Newton Street N. E.
 N. C. 110 E. Capitol Street
 D. C. 830 13th Street
 Mo. 1237 Quincy Street N. E.
 N. Y. 1900 Q Street
 D. C. 2520 14th Street
 Va. 5 Iowa Circle
 D. C. 1733 Columbia Road
 Ill. 1701 K Street
 D. C. 1656 Euclid Street
 Va. Rosslyn, Va.
 D. C. 2339 18th Street
 D. C. I-K Bldg., Government Hotels
 Va. 1361 Fairmont Street
 Pa. 1414 16th Street
 Ky. 1445 Girard Street
 D. C. 80 R Street
 Mass. 808 I Street
 D. C. West Clifton Terrace
 D. C. 331 5th Street S. E.
 D. C. Fort Myer, Va.
 D. C. 9 K Street
 D. C. 1526 17th Street
 D. C. 2735 Ontario Road
 D. C. 3145 17th Street
 Pa. 1406 Chapin Street
 Ind. 314 A Street N. E.
 D. C. 472 E Street S. W.
 D. C. 715 Monroe Street N. E.
 D. C. 715 Monroe Street N. E.
 Egypt 1738 F Street
 D. C. 2104 1st Street
 D. C. 225 H Street
 D. C. 1738 N Street
 W. Va. 616 3d Street
 Miss. C-D Bldg., Government Hotels
 D. C. 17 K Street N. E.
 S. C. 1332 Biltmore Street
 Mich. 133 Pennsylvania Avenue
 D. C. 1103 5th Street

- Goldstein, Hyman M.
Gordon, D. Durant
Gosnell, Ruby Lois
†Graham, Walter S.
- *Grammer, Elizabeth
Greble, Gertrude P.
*Greenberg, Anne L.
Greenlees, Lenora A.
*Greenstreet, Allen A.
*Griffin, Eleanor M.
*Griffith, Mary John
†Grogan, Samuel S.
*Gross, John E.
†Gross, Mary E.
†Grunsky, Herman W.
Guernsey, Lillian A.
- *Hadlick, Paul E.
Hall, Grace J.
*Hall, Minnie G.
*Hall, Ruth B.
*Hamelin, Grace C.
*Hampton, Mrs. Wade
Hanagan, Catherine L.
*Handy, Jean Y.
*Hane, Grace E.
Hane, Margaret
*Hansch, Elizabeth E.
*Hansen, Mrs. Emma W.
Hansen, Leopoldine
Harcourt, Gertrude T.
Harmel, Ida
†Harris, A. I.
Harris, Malcolm P.
Harris, Pauline E.
Harrison, Mabel
Hart, Elizabeth
*Hatton, Eyrie M.
*Hatton, Mary Verna
Hayden, Louise
*Hayes, William B.
*Headley, Mary
Healy, Roberta F.
Heberd, Nell
†Hechmer, Mildred M.
Heckman, Mrs. Emma C.
*Hedden, Eva M.
*Heil, Elizabeth
Heinemann, George William
- *Heintzelman, Dorothy
*Heitmuller, Marian R.
*Heitmuller, Ralph E.
Heller, William L.
*Hendricks, Marjory E.
*Herfurth, Elsie C.
Herring, Annie F.
*Herrington, Margaret C.
Herschman, Rose A.
Heyman, Ella Helen
Hill, Ira B.
*Hitchcock, Louise S.
Hoffman, David
*Hoffman, Margaret
*Hogan, Florence G.
Holbrook, Mrs. Anna S.
- *Holcombe, Eugenia
*Holland, Elizabeth
Holzer, Blanche
Homsher, Mabelle M.
- D. C. 901 1st Street S. W.
D. C. 1829 G Street
S. C. 1720 H Street
Md. 19 Wine Avenue, Hyattsville,
Md.
Va. 1201 Q Street
D. C. 1822 Jefferson Place
Pa. 3550 10th Street
D. C. 3127 Dumbarton Avenue
D. C. 1236 Hamlin Street N. E.
N. Y. 1801 I Street
N. C. 1527 I Street
D. C. The Sherman
D. C. 1312 Florida Avenue N. E.
Ind. 1733 Columbia Road
Pa. 908 M Street
Va. 106 Arlington Avenue, North
Clarendon, Va.
- Minn. The Brunswick
D. C. The Wyoming
Va. 1758 F Street
N. C. 1361 Irving Street
Mass. 1495 Newton Street
D. C. 1750 S Street
Pa. 1440 W Street
D. C. 1401 Columbia Road
D. C. 2034 O Street
Md. Bethesda, Md.
D. C. 432 Lamont Street
D. C. 913 22d Street
Mich. 2400 16th Street
D. C. 1124 11th Street
D. C. 466 H Street S. W.
D. C. 228 13th Street S. W.
D. C. 1819 G Street
W. Va. 2306 1st Street
Mass. N-O Bldg., Government Hotels
Wis. G-H Bldg., Government Hotels
D. C. 710 Rock Creek Church Road
D. C. 710 Rock Creek Church Road
D. C. The Mendota
Tenn. 1600 Rhode Island Avenue
D. C. 217 9th Street S. W.
Md. 9 Iowa Circle
D. C. 1834 Columbia Road
W. Va. Holy Cross Academy
Pa. 1150 N. Capitol Street
D. C. L-M Bldg., Government Hotels
N. Y. Government Hotels
D. C. 919 North Carolina Avenue
S. E.
D. C. Highland Apartments
D. C. 1307 14th Street
D. C. 1307 14th Street
Va. 407 2d Street
D. C. 1516 Webster Street
Va. Alexandria, Va.
N. C. L-M Bldg., Government Hotels
D. C. 25 Quincy Place N. E.
D. C. 2101 N Street
N. Y. G-H Bldg., Government Hotels
N. C. 1252 Maryland Avenue N. E.
D. C. 1340 Fairmont Street
Ill. Y. M. C. A.
Pa. 1731 S Street
D. C. 3003 O Street
D. C. 3207 Morrison Street, Chevy
Chase
D. C. 2127 Bancroft Place
Ga. 1758 Corcoran Street
Swit'land Swiss Legation
Ind. A-B Bldg., Government Hotels

| | | |
|-------------------------------------|-------|-------------------------------------|
| *Homstad, Mildred | Wis. | 1335 Columbia Road |
| Hoover, Mrs. Charles K. | D. C. | 630 South Carolina Avenue S. E. |
| Hosbaugh, Clara | D. C. | 1711 Connecticut Avenue |
| Hough, Francis Z. | D. C. | 1423 Monroe Street |
| *Howarth, Annette | D. C. | 3514 10th Street |
| Hromatko, Jane S. | Iowa | 1606 19th Street |
| M. S., George Washington University | | |
| *Huber, Mathilda M. | N. Y. | 1722 Massachusetts Avenue |
| Hudson, Lillian | Va. | 174 North Carolina Avenue S. E. |
| *Hull, R. T. | D. C. | 1516 Columbia Road |
| *Humphrey, Ruch C. | Mo. | 808 Massachusetts Avenue N. E. |
| Hunt, James C. | Okla. | 1758 N Street |
| Hunt, Nicholas R. | Va. | 8 N. Maple Street, Clarendon, Va. |
| *Hynes, William J. | Mass. | 707 1st Street |
| †Ireland, Mrs. Louise S. | D. C. | Wardman Park Hotel, Apartment 609-E |
| Isherwood, Walter B. | Md. | Washington Grove, Md. |
| *James, Marie K. | Mass. | Waburn, Mass. |
| James, Mrs. Miriam L. | D. C. | Wardman Park Hotel |
| *James, Mrs. Rose R. | D. C. | 2700 Connecticut Avenue |
| †Jaques, Laura | D. C. | 17 U Street |
| Jarman, Harriet R. | N. Y. | N-O Bldg., Government Hotels |
| Jelleff, Mrs. Eleanor P. | D. C. | 3505 Macomb Street |
| Jermyn, Marion S. | D. C. | 908 11th Street |
| Jewett, Elizabeth A. | N. Y. | 214 B Street S. E. |
| Johns, Florence R. | Ind. | 621 Lexington Place N. E. |
| Johnson, Mrs. Cathrine K. | D. C. | 2108 6th Street |
| Johnson, Florence E. | D. C. | 416 Shepherd Street |
| Johnson, Grace M. | D. C. | 413 Clifton Terrace, S. |
| Johnson, Howard M. | Mo. | Chain Bridge Road, D. C. |
| †Johnson, Jasper L. | Va. | 2920 Sherman Avenue |
| Johnson, Mannie | Texas | T-U Bldg., Government Hotels |
| *Johnson, Marion J. J. | N. Y. | 1801 I Street |
| Johnson, M. Asenath | D. C. | 1359 Fairmont Street |
| *Johnson, Mary E. L. | Ind. | 1430 V Street |
| †Johnson, Mary Louise | D. C. | 1023 16th Street |
| *Johnson, Mildred V. | D. C. | 1657 Lamont Street |
| Johnston, Jean | Md. | Glen Echo, Md. |
| Jones, Mrs. Evelyn E. | Va. | 45 Cruik Lane, Cherrydale, Va. |
| *Jones, Howard T. | D. C. | 1900 S Street |
| *Jones, Sarah L. | Miss. | 1417 K Street |
| *Jones, Victoria | Va. | 1411 King Street, Alexandria, Va. |
| *Jones, William D. | Ohio | 1733 N Street |
| Judson, Elbert B. | D. C. | 4206 River Road |
| Kaminsky, Helen S. | D. C. | 306 G Street N. E. |
| Kaminsky, Rebecca | D. C. | 306 G Street N. E. |
| Kaplan, Esther L. | D. C. | 1461 Monroe Street |
| Katterman, Mrs. Catherine F. | D. C. | 2611 Adams Mill Road |
| *Kauffman, William P., Jr. | D. C. | 1349 R Street |
| *Keenan, Imogene | D. C. | 1711 Connecticut Avenue |
| Keil, Lewis E. | D. C. | 117 O Street |
| *Kelleher, Mary J. | Pa. | 1338 31st Street |
| *Kelly, Alice E. | N. Y. | 17 Dupont Circle |
| Kelly, Allie Magdalena | D. C. | 1414 16th Street |
| *Kelly, Anna L. | D. C. | 911 Massachusetts Avenue |
| *Kelly, Edward | Ark. | 1819 G Street |
| *Kelly, Helen L. | Mich. | 1627 16th Street |
| *Kendig, James E. | D. C. | 2751 Macomb Street |
| *Kennedy, Thelma | Pa. | 901 Alabama Avenue S. E. |
| Kerlin, Malcolm | D. C. | 1516 Columbia Road |
| Kershenbaum, Rae | D. C. | 805 F Street S. W. |
| Kersten, Maude M. E. | Ill. | 2124 F Street |
| Kested, Mildred | N. Y. | 453 Park Road |
| Keyes, Mary G. | D. C. | 1422 Q Street |
| *Kiess, Marion | Ind. | 2508 Cliffbourne Place |
| Kilcawley, Edward J. | D. C. | 1431 Clifton Street |

| | | |
|--------------------------|---------|--|
| Kinner, Harold C. | Md. | 3914 34th Street N. E. |
| †Kirkpatrick, Pinkie | Miss. | 914 Massachusetts Avenue |
| Kirwan, Philip T., Jr. | Calif. | Bureau of Standards |
| *Knapp, Ferne L. | Mich. | 2138 California Street |
| Knemeyer, Erma M. | Iowa | R-S Bldg., Government Hotels |
| A. B., George | | |
| University | | |
| Kohrer, Norma M. | D. C. | 1819 G Street |
| †Koontz, Louise | D. C. | 607 E Street |
| Koughan, Frank M. | Va. | East Falls Church, Va. |
| Kougher, Mildred | Pa. | 1219 Howard Street |
| *Kroll, Agnes B. | Mass. | 1414 16th Street |
| †Krupp, William G. | D. C. | 27 Adams Street |
| Kuebler, Irene G. | D. C. | 1409 Meridian Street |
| Kyler, Bessie B. | Ill. | 150 R Street N. E. |
| *Lake, Minerva V. | D. C. | 1737 17th Street |
| Lamson, Elizabeth H. | D. C. | 1715 Kilbourne Place |
| *Landers, Mary J. | Ill. | 1750 S Street |
| *Landsrath, Edna | D. C. | 926 L Street |
| Lankenaw, Sarah C. | Mo. | 518 Quincy Street |
| Lanman, Mary M. | D. C. | 3440 Brown Street |
| Lapham, J. O. | D. C. | 3125 Newark Street |
| *Larkin, Catherine H. | D. C. | 1721 Corcoran Street |
| *La Rue, Sadie M. | Pa. | 126½ R Street N. E. |
| *Lasier, Harriet C. | D. C. | 1445 Girard Street |
| Latimer, Margaret E. | Md. | U. S. Geological Survey |
| Latson, Alice L. | Mich. | 13th and W Streets |
| Leach, Ardelle A. | Vt. | T-U Bldg., Government Hotels |
| Leahy, Mrs. Emelia A. | Ill. | T-U Bldg., Government Hotels |
| Leecraw, Raymond H. | D. C. | 4035 New Hampshire Avenue |
| Leddy, Andrew F. | N. Y. | 1645 K Street |
| *Lee, Florence A. | N. H. | 516 A Street N. E. |
| Leeby, Lawrence R. | N. Dak. | 121 Willow Avenue, Takoma Park, D. C. |
| Leer, Wayne E. | Ind. | College Park, Md. |
| B. S., Purdue University | | |
| Leggett, Florence M. | Md. | 105 Raymond Street, Chevy Chase, Md. |
| *Lehman, Lloyd W. | Ill. | 1715 Massachusetts Avenue |
| Leineweber, Irene D. | D. C. | 1503 30th Street |
| †Lelansky, Eva | Maine | 21 Girard Street N. E. |
| LeMenager, Marcelle | D. C. | 1819 Kenyon Street |
| Leonard, Lewis T. | D. C. | 520 G Street N. E. |
| Lesser, Isador | Mass. | 925 N Street |
| *Levington, Bessie | Ga. | 1212 Euclid Street |
| Lewis, Blanche E. | N. Y. | 1823 I Street |
| Lewis, Edna | D. C. | 333 Pennsylvania Avenue |
| Lewter, John C. | Va. | 937 15th Street S. E. |
| *Licarione, Bernard | D. C. | 1121 Pennsylvania Avenue S. E. |
| †Linch, Mark N. | D. C. | 136 E. Capitol Street |
| Lindley, Laura | Mich. | 30 Bliss Bldg. |
| *Linsmeyer, Edgar M. | D. C. | 1225 E Street N. E. |
| Liske, Claire C. | Wis. | 1740 F Street |
| Little, Jonathan F., Jr. | D. C. | 131 A Street N. E. |
| †Little, Ruth E. | D. C. | 3000 Dent Place |
| Lockwood, Elizabeth P. | D. C. | 115 12th Street S. E. |
| *Logue, Emily | D. C. | 105 I Street |
| Lohman, Blanche | D. C. | 429 4th Street N. E. |
| *Loman, William M. | D. C. | Sherman Avenue, Takoma Park, D. C. |
| Long, Edith A. | Colo. | 1104 M Street |
| Long, Helen M. | Tenn. | 1234 Crittenden Street |
| †Long, William S. | D. C. | 1219 Kenyon Street |
| Louden, Mary H. | Va. | Alexandria, Va. |
| *Louden, Orren R. | D. C. | 1507 Park Road |
| *Lovell, Ellen | Tenn. | 1824 H Street |
| *Loving, George Warren | D. C. | 1367 Irving Street |
| *Lowe, Edna M. | D. C. | 1020 Florida Avenue N. E. |
| *Luber, Henrietta | D. C. | 232 N Street |
| *Luke, Edith A. | D. C. | 309 Maryland Avenue N. E. |
| Lukei, Edith A. | D. C. | 1240 Lawrence Street N. E. |
| Lumpkin, Miss Glenn B. | Va. | 2627 Adams Mill Road |

- *Lusby, Claire L.
 *Lynn, Wallace P.
 *Lystad, H. W.
- McAuliffe, Doris
 McCarthy, Leonard D.
 *McClelland, Vesta G.
 McCloskey, Helen J.
 *McColligan, Mary Alice
 McCormick, John D.
 B. S. in C. E., George Wash-
 ington University
 *McElfresh, Ruth A.
 *McGarraghy, Joseph C.
- †McGuire, Leo
 McHaney, Meda A.
 McIntyre, Bessie R.
 *McKay, Susie E.
 *McKeever, Galen
 *McKeever, Ruth I.
 McKenna, Thomas J.
 *McKerren, Mary
 McKinley, Marguerite
 *McKinney, Bernice J.
 McKnight, Nannie J.
 McLaughlin, Fred
- †McMichael, Nellie
 McNeil, Frieda
 McNulty, Anna T.
 *McRae, Janet
 *McReynolds, Nellie B.
 *Macias, Joseph A.
 *Madeira, Elizabeth B.
 *Magee, Mary E.
 *Magruder, Thelma F.
 *Mahood, F. Mildred
 Majeska, Blanche J.
 Major, Ruth F.
 Manchester, Edna S.
 *Mangan, Marie C.
 Manross, Lottie May
 A. B., Vassar College; A. M.,
 Columbia University
 Marley, Jeannette E.
- Marlowe, Alice
- *Maroney, Nora C.
 Marshall, Florence E.
 *Marshall, Rush P.
 Marshino, Ora
 *Martin, Agnes
 *Martin, Miss Dana C.
 †Martin, Esther L.
 Martin, G. Hamilton, Jr.
 M. S., Washington State Col-
 lege
 *Martinez, A. Rodolfo
 Martus, Bertha E.
 Mason, Bess M.
 *Mason, Ivy E.
 *Massino, Josephine M.
 *Mawson, Helen
 May, Lettie
 Mayes, Blanche G.
 *Mayfield, Jessie
 Meacham, Genevieve
 †Mears, Floe L.
 Mechelke, Lynne
 *Meek, May
 Meeker, Bertha
- D. C. 1406 M Street
 D. C. 23 T Street N. E.
 Wis. The Manchester
- Wis. 1437 Rhode Island Ave.
 D. C. 219 T Street N. E.
 Ill. The Maury
 Maine 1440 R Street
 Mass. 1903 15th Street
 D. C. 1377 North Carolina Avenue
 N. E.
- D. C. 1203 Girard Street
 D. C. 139 North Carolina Avenue
 S. E.
- D. C. 554 Columbia Road
 D. C. 714 20th Street
 Wis. 1312 L Street
 Miss. 714 18th Street
 Md. Kensington, Md.
 D. C. 1120 6th Street N. E.
 N. Y. 3127 N Street
 Ohio 1926 17th Street
 Ill. 1801 I Street
 D. C. National Savings and Trust Co.
 D. C. 3037 Dumbarton Avenue
 Texas 22 Carroll Avenue, Takoma
 Park, D. C.
- Ohio G-H Bldg., Government Hotels
 Miss. 1702 Kilbourne Place
 Pa. 1920 S Street
 Md. Riverdale, Md., Box 307
 Iowa 3505 14th Street
 D. C. 1517 Rhode Island Avenue
 Ohio 2109 18th Street
 D. C. The Maury
 D. C. 52 Quincy Place
 Pa. 1812 N Street
 D. C. The Plaza, Washington Circle
 D. C. 1731 U Street
 D. C. 1931 16th Street
 Iowa Burlington Hotel
 Conn. 2339 Ashmead Place
- Md. 120 Chestnut Avenue, Takoma
 Park, D. C.
 D. C. 1341 South Carolina Avenue
 S. E.
- Ohio N-O Bldg., Government Hotels
 D. C. 1646 Argonne Terrace
 D. C. 1502 Decatur Street
 D. C. Children's Bureau
 Mo. 731 Taylor Street
 Va. The Marne
 D. C. 229 9th Street N. E.
 D. C. 1820 Corcoran Street
- Mexico 1805 G Street
 N. Y. X-Y Bldg., Government Hotels
 Ky. 3812 7th Street
 Pa. A-B Bldg., Government Hotels
 D. C. 220 Arthur Place
 Ind. Cavanaugh Courts
 Ohio 1424 R Street
 Ark. 3017 16th Street N. E.
 D. C. 1433 Clifton Street
 Miss. Wardman Park Hotel
 Ohio 1003 New Hampshire Avenue
 Wis. 1349 Columbia Road
 Canada 1814 G Street
 Ark. 1104 M Street

- *Meighan, John M.
 *Mendelsohn, Eva
 †Mengert, William F.

 *Menzel, Margaret L. T.
 *Merchant, Martha S.
 *Mero, Sara T.
 Merrill, Mrs. May D.
 *Merritt, Louise H.
 *Mertz, Thelma I.
 *Meush, Frances
 †Micotte, Nellie A.
 †Miller, Eliza A.
 *Miller, Gertrude E. P.
 Miller, Helen
 †Miller, Mamie M.
 *Miller, Virginia
 Mills, Ethel D.
 *Mills, Margaret M.
 Milovich, Elizabeth V.
 *Minot, Mrs. Constance G.
 *Mitchell, Elizabeth
 Mix, Anna E.
 Mon, Ora M.
 Montgomery, Martha A.
 *Moore, Claude L.
 *Moore, Lillian A.
 Moore, Louise
 Morgan, Edna E.
 †Moser, Rose
 *Mosher, Vivian R.
 Motter, Bertha E.
 Moyer, Robert A.
 *Mueller, Marie B.
 *Muncaster, Edna S.
 Murphy, M. Regina
 *Murphy, Theresa E.
 Murray, Mae A.

 Nash, Helen V.
 Naylor, Mary B.
 *Naylor, Theodore H.
 *Nebecker, Lyman M.
 *Neumann, Anna M.
 Neville, Robert P.
 Newby, Anna L.
 *Newcomb, Mrs. Iva C.
 Newman, Dorothy A.
 *Newman, Laurance G.
 Newsom, Edith V.
 *Newsom, Mattie S.
 *Nichols, Fenton L.
 Nicholson, George D. G.
 *Nicholson, Ruth E.
 Niemeyer, Ernestine H.
 Nigh, Elizabeth
 Nixon, Isabelle
 *Norment, Maude
 *Notter, Lucy E.
 Nyman, Mrs. Hazel L.

 *O'Brien, Floyd D.
 *O'Brien, Genevieve
 †O'Brien, Thomas M.
 O'Connor, Esther
 O'Connor, Helena A.
 O'Connor, Lillie
 O'Donnell, Frank G.
 *Ogle, Estelle M.
 *Okey, Ella May
 *O'Leson, Mary
 *O'Meara, Herbert W.

 Pa. 15 Franklin St. N. E.
 D. C. 1527 14th Street
 D. C. Gallaudet College, Kendall
 Green
 D. C. 2951 Tilden Street
 D. C. 3649 New Hampshire Avenue
 D. C. The Chastleton
 D. C. 1319 19th Street
 D. C. 1822 19th Street
 Conn. 1800 I Street
 Pa. 1901 New Hampshire Avenue
 D. C. 1514 17th Street
 Md. 1719 Oregon Avenue
 Pa. 1374 E. Capitol Street
 Ind. 1500 Emerson Street
 D. C. 2507 Hall Place
 D. C. The Ethelhurst
 Ohio 116 Maryland Avenue N. E.
 D. C. 305 1st Street S. E.
 D. C. 802 I Street
 Mass. 1707 H Street
 N. C.
 Md. 113 Maryland Avenue N. E.
 Ill. 1104 M Street
 Ohio 1822 Ontario Place
 D. C. 1735 F Street
 D. C. 1309 Connecticut Avenue
 D. C. 1255 I Street N. E.
 D. C. 1750 S Street
 D. C. 1819 G Street
 D. C. 1935 Park Road
 Pa. 1714 14th Street
 D. C. 34 Rhode Island Avenue
 D. C. 1303 15th Street
 D. C. 1931 16th Street
 D. C. 2802 Wisconsin Avenue
 D. C. 101 North Carolina Avenue S. E.
 D. C. 535 2d Street S. E.

 D. C. 122 M Street
 D. C. 629 12th Street N. E.
 Kans. 3204 Park Place
 D. C. 3432 Ashley Terrace
 Mich. 1330 L Street
 D. C. 1603 Connecticut Avenue
 Ill. 639 B Street N. E.
 D. C. 1351 Park Road
 D. C. 3617 New Hampshire Avenue
 Mass. 3617 New Hampshire Avenue
 D. C. The Hudson
 N. C. 2031 F Street
 Va. U. S. N. Hospital
 D. C. 102 Florence Court
 D. C. 1305 H Street
 D. C. 1708 Lawrence Street N. E.
 D. C. 1747 1st Street
 D. C. 1338 New York Avenue
 Texas The Kenesaw
 D. C. 2007 Girard Street N. E.
 D. C. 1636 16th Street

 Kans. 1626 P Street
 D. C. 132 R Street N. E.
 D. C. 51 Girard Street N. E.
 D. C. 126 R Street N. E.
 D. C. 57 New York Avenue
 D. C. 1646 Monroe Street
 Va. 8 Maple Street, Clarendon, Va.
 Ohio I-K Bldg., Government Hotels
 Ill. 124 3d Street N. E.
 S. Dak. The Hadleigh
 Va. 317 S. Washington Street, Alexandria, Va.

- *O'Neill, Agnes M.
 *O'Neill, Alice E.
 *Oshorn, Harry E.
 Oshinsky, Charles
 Otterback, Sarah G.
 Ottman, Mrs. Charlotte S.
 *Owens, William H.
- †Page, John
 *Paige, Mrs. Carrie E.
 *Palmer, Clare W.
 *Palmer, Mrs. Minnette D.
 Parker, Blanche K.
 †Parker, Clair F.
 *Parker, Clarence W.
 *Parks, Floyd L.
 B. S., Clemson College, S. C.
 Parrett, Mary I.
 Patch, Helen L.
 *Patrick, Maude W.
 †Patterson, Donald G.
 Pearce, Mary W. G.
 Peirce, Lottie M.
 Pellew, Marion J.
 Pennington, Vera E.
 †Pepper, Thomas D.
 *Permar, Kathrynne M.
 *Peterson, Cornelius John
 *Pettit, Maude M.
 Petty, Marguerite
 *Phillips, C. Louise
 *Phillips, Jessie L.
 Phillips, Rowena
 †Phillips, Mary D.
 †Pilson, Olga L.
 Pine, Helen G.
 *Plumb, Marion H.
 Porter, Etta C.
 †Porterfield, Ruth
 Postley, Olive C.
 Prendergast, Alice J.
 †Price, Grace
 *Price, L. Lucille
 Price, Mary E.
 Priest, Blanche H.
 Priestley, Anna M.
 Purvis, Eleanor M.
- Quevli, Christen Foss, Jr.
 *Quick, Christine
- *Raeder, Lennie L.
 *Ragan, Estelle J.
 Ramsay, Lena
 Randolph, Clara F.
 *Rapp, Paul
 Ratcliffe, Vergil A.
 Rathbun, Annie E.
 *Rauber, Frances G.
 *Rauber, Mary C.
 Rawlings, Joseph B.
 Raymond, Virginia L.
 Ream, Cecile A.
 Redmond, Ruth P.
 Reid, Arthur
 Rees, Esther G.
 Reh, Emma
 A. B., George Washington
 University
 Respass, Anna B.
 Rhea, Nelle M.
 †Rhine, Alice L.
 Richeson, Austin B.
- N. Y. 8th and E Street
 Mass. 1722 Willard Street
 Mich. 1624 I Street
 D. C. 636 D Street S. E.
 D. C. 1443 T Street
 D. C. 2117 3d Street N. E.
 D. C. 3209 Highland Place
- D. C. Capitol Hotel
 D. C. 326 10th Street S. E.
 Ark. 1753 N Street
 W. Va. 1722 H Street
 D. C. Takoma Park, D. C.
 Pa. 1321 13th Street
 D. C. 933 N Street
 Ala. Washington Barracks
- Ohio 2014 G Street
 N. Y. 1840 Biltmore Street
 D. C. X-Y Bldg., Government Hotels
 D. C. 1300 Belmont Street
 Md. 3722 13th Street
 Md. V-W Bldg., Government Hotels
 D. C. 1637 Massachusetts Avenue
 Md. 1720 21st Street
 D. C. 2006 N Street
 Pa. Burlington Hotel
 D. C. 2124 P Street
 Mich. E-F Bldg., Government Hotels
 Ind. 1104 M Street
 D. C. 1424 Euclid Street
 D. C. 2222 1st Street
 Miss. 816 15th Street
 D. C. 1451 Girard Street
 D. C. 1825 Phelps Place
 Mich. 1745 K Street
 Conn. 3912 McKinley Street
 N. Y. 2023 G Street
 Kans. 1801 I Street
 D. C. Dept. Interior, Room 241
 Mass. 914 Spring Road
 Ky. 1710 Rhode Island Avenue
 Ind. 4207 New Hampshire Avenue
 Md. 205 Rock Creek Church Road
 Kans. V-W Bldg., Government Hotels
 Mich. 2564 University Place
 D. C. Iowa Apartments
- Wash. 2011 F Street
 Va. 838 Munsey Bldg.
- Va. Fort Myer, Va.
 Mo. 1431 Newton Street
 D. C. 3053 16th Street
 Ill. 1008 22d Street
 D. C. Y. M. C. A.
 D. C. 1427 33d Street
 R. I. 1438 N Street
 D. C. 2025 Kalorama Road
 D. C. 2025 Kalorama Road
 D. C. 1825 Columbia Road
 D. C. 2700 Connecticut Avenue
 Ohio 7 Rhode Island Avenue N. E.
 D. C. 3017 11th Street
 Va. Y. M. C. A.
 Ohio 2112 F Street
 Md. Woodside, Md.
- D. C. Toronto Apartments
 Kans. 1917 K Street
 Md. 507 Evans Building
 D. C. Iroquois Apartment

- Riemen, William A.
 *Riggin, Mrs. Lillian B.
 *Riggins, Maude I.
 *Riordan, Agnes
 Rogers, Annabelle
 Roger, Herbert O.
 Rorer, Julia H.
 Rose, Isel Fern
 *Rosett, Mrs. Olga
 †Rowe, Victor B.
 *Rowzee, Cora M.
 Royalty, Zadie
 *Rubin, Helen
 *Ruble, Cleo L.
 Ruby, Charles P.
 *Rule, Blanche V.
- Ruppert, Minnie L.
 Sartain, R. L.
- *Saunders, Florence L.
 *Savage, Rose R.
 Sawyer, Estelle M.
 Schoenbauer, C. K.
 *Schoenberger, Pearl
 *Schofield, Frederick E.
 Schrider, Charles R.
 *Schul, John H.
 Schultz, Frederick C.
 *Schultz, Lenore D.
 Schumacher, Jennie M.
 Schutrumpf, Emma D.
 *Schwartz, Raymond J.
 Scott, Nancy M.
 Scovell, Jennie A.
 *Seeley, Emma M.
 *Selander, Edna C.
 Shanahan, Katherine A.
 Shanapy, John L. A.
 Shapiro, Samuel
 *Sharpton, James T. B.
 Sharswood, Florence E.
 *Sheild, C. Mercedes
 Sheldon, Ann A.
 Shelton, Mamie R.
 Shepherd, Alexander R., Jr.
 *Sheridan, Mary K.
 Sherwood, Winifred
 Shiner, Hubert H.
 Shively, Walter L.
 Shrader, Letha L.
 *Shue, Mary Louise
 *Shumaker, L. Eugene
 Sibbold, Julia C.
 Sieber, Pansy V.
 Silcox, Walter G.
 Silver, Hanna
 *Simering, Grace E.
 *Simonds, Esther
 *Simplot, Anna Louise
 Simpson, Grace E.
 *Simpson, Mae
 †Simpson, Mary K.
 A. M., George Washington
 University.
- †Sims, Enid
 *Skilling, Arthur Watts
 Skliar, Robert
 *Slough, May D.
 *Small, Albert
 *Smith, Athaline M.
 Smith, Charles W.
 *Smith, Daphne
- Iowa 821 Otis Place
 Ohio R-S Bldg., Government Hotels
 Ill. 1278 Morse Street N. E.
 D. C. 3114 18th Street
 Md. Hyattsville, Md.
 D. C. 1321 Belmont Street
 D. C. 1800 K Street
 D. C. Willard Courts
 D. C. 2844 Wisconsin Avenue
 Md. St. Elizabeth's Hospital
 D. C. 1801 I Street
 Texas R-S Bldg., Government Hotels
 England 653 Morton Place N. E.
 Miss. 1935 Calvert Street
 Pa. 1600 Rhode Island Avenue
 D. C. 724 7th Street N. E.
- D. C. 1825 Hamlin Street N. E.
 D. C. 14th and Rhode Island Avenue
 N. E.
- Va. 1321 Fairmont Street
 D. C. 513 Massachusetts Avenue
 D. C. 29 Florida Avenue
 Md. Hyattsville, Md.
 Ohio 152 R Street N. E.
 Md. 1243 E Street S. E.
 Md. Silver Spring, Md.
 D. C. 220 8th Street S. E.
 D. C. 1518 8th Street
 Mass. 1819 G Street
 D. C. 312 Indiana Avenue
 D. C. 451 M Street
 D. C. 32 Rhode Island Avenue
 Texas 2144 California Street
 D. C. 1428 Clifton Street
 N. Y. 328 Maryland Avenue N. E.
 Minn. 1348 Otis Place
 Kans. 3554 11th Street
 N. J. 305 1st Street S. E.
 D. C. 600 Louisiana Avenue
 S. C. 1733 19th Street
 D. C. 1132 Buchanan Street
 Minn. 1801 I Street
 D. C. 1717 17th Street
 Va. 901 M Street
 D. C. Bethesda, Md.
 Va. N-O Bldg., Govt. Hotels
 Colo. The Hadleigh
 Va. 1227 11th Street
 Mo. 3121 Mt. Pleasant Street
 Cal. 1319 Mass. Avenue
 Tenn. Chaumont Apartment
 Pa. 2134 F Street
 D. C. 1826 H Street
 Ill. 3228 Hiatt Place
 Mass. 1910 G Street
 Md. 1221 12th Street
 D. C. 923 S. C. Ave. S. E.
 Md. Hyattsville, Md.
 Iowa 100 B Street N. E.
 Mass. 1439 T Street
 D. C. 2037 F Street
 D. C. 3404 Prospect Avenue
- D. C. Wardman Park Hotel
 Mass. 112 3rd Street N. E.
 D. C. 222 9th Street S. W.
 Tenn. I-K Bldg., Govt. Hotels
 D. C. 815 Upshur Street
 N. Y. 1229 Connecticut Avenue
 Md. Income Tax Unit
 Utah 120 Maryland Avenue N. E.

- Smith, Helen C.
 Smith, Isabelle
 Smith, Isabelle G.
 Smith, Mabel M.
 †Smith, Marguerita E.
 *Smith, Mary P.
 Smith, Rena Belle
 *Smith, Ruth E.
 *Smith, Major William
 LL. B., National University
 Law School
 Sokolove, Marian
 Sowder, Anna L.
 *Spencer, Myra Dixon
 Spiller, Pauline B.
 *Spray, Edith
 *Stamm, Mrs. Lillian K.
 †Stanback, Lester
 †Stanton, Oscar D.
 *St. Clair, Helen B.
 Steever, Laura
 M. S., George Washington
 University
 *Steinle, Kathryn L.
 M. S., Syracuse University
 Stephen, Wilda E.
 *Stevens, Frances F.
 †Stevens, Loyd A.
 Stone, Alma
 *Stone, Myrtice N.
 *Stonebraker, Florence E.
 Stoup, Earl A.
 Strait, Helen E.
 Strickland, Ruby M.
 Stringham, Beatrice
 Stuard, Mabel E.
 *Suits, Mary B.
 †Sullivan, Anna R.
 Sullivan, Edward C.
 Sullivan, Mary E.
 *Surasky, Dorothy
 *Swann, M. Edith
 *Swanson, Bertha E.
 *Swartz, Sarah M.
 *Switzer, Lena V.
 †Taggard, Virginia M.
 Taliaferro, Mrs. Elizabeth F.
 Tams, Alice C.
 *Tanner, Olive
 *Tapley, Gladys
 *Taylor, L. Ethel
 Taylor, Marcellette M.
 Taylor, Mrs. Marie W.
 †Taylor, May C.
 *Taylor, Nora D.
 †Teel, Blanche L.
 Tenny, Colon M.
 Ph. B., Kalamazoo College
 LL. B., University of
 Michigan
 Tennyson, M. Bernadette
 Thom, Ada H.
 Thomason, Pauline
 *Thompson, Mrs. Edward
 *Thompson, Evelyn A.
 †Thompson, Evelyn Retta
 Thompson, Frank Elsie
 Thompson, Mabel J.
 *Thompson, Maude A.
 Thompson, Minnie F.
 Thompson, Reginald I.
 *Thomson, Edith M.
 D. C. 1731 S Street
 Ill. 5505 13th Street
 D. C. Portland Hotel
 Pa. G-H Bldg., Govt. Hotels
 Pa. E-F Bldg., Govt. Hotels
 D. C. 1315 Clifton Street
 Mass. 1838 Lamont Street
 Ind. 1826 Calif. Street
 D. C. Portland Hotel
 D. C. 32 Q Street
 Va. 1759 P Street
 N. C. 3627 N. H. Avenue
 Ill. 308 E. Capitol Street
 D. C. 1320 21st Street
 Pa. 5413 Illinois Avenue
 Miss. 409 4th Street
 D. C. 3310 Ross Place
 Mo. 1826 M Street
 Md. 2106 G Street
 D. C. 500 E. Capitol Street
 Mo. X-Y Bldg., Govt. Hotels
 D. C. 1658 29th Street
 S. D. U. S. Weather Bureau
 Mo. 1214 Massachusetts Avenue
 D. C. 1213 Morris Road S. E.
 D. C. 3433 Oakwood Terrace
 D. C. 514 Kenyon Street
 N. Y. The Laclede
 Pa. 2008 G Street
 Utah 1367 Quincy Street
 D. C. 2118 I Street
 Ill. E. 510, Wardman Park Inn.
 N. Y. 21 Michigan Avenue N. E.
 Mass. 2814 13th Street
 Iowa 1215 K Street
 S. C. 1828 Calvert Street
 Va. 1841 Mintwood Place
 Pa. 1461 Girard Street
 Pa. G-H Bldg., Govt. Hotels
 W. Va. Government Hotels
 D. C. 1277 New Hampshire Avenue
 Scotland 2551 17th Street
 D. C. 1753 N Street
 W. Va. The Cavanaugh
 D. C. 712 F Street N. E.
 D. C. 2031 F Street
 Wis. 1801 I Street
 Calif. The Hadleigh
 D. C. 1813 19th Street
 W. Va. 761 Quebec Street
 D. C. 2634 Woodley Place
 Md. U. S. Patent Office
 D. C. 3600 Reservoir Street
 Minn. 2109 F Street
 Ill. 815 Connecticut Avenue
 D. C. 1630 Irving Street
 D. C. 3334 P Street
 D. C. 1400 Decatur Street
 Ohio 1712 Lincoln Road N. E.
 Idaho 1840 Biltmore Street
 Kan. T-U Bldg., Govt. Hotels
 D. C. 741 7th Street S. E.
 D. C. 411 O Street
 N. Y. 1213 Rhode Island Avenue

Thorpe, Vesta G.
 Thorwarth, Laura E.
 *Thurber, Robert K.
 Thurston, Clarence N.
 Thurston, Evangeline
 *Thurston, Ruth
 *Tillinghast, Mrs. Jesse L.

Tillotson, Hilary P.
 *Tompkins, Charles V.
 Toole, Bertha T.
 *Townsend, Mrs. Nellie C.
 *Trent, John W.
 *Trimble, Alice M.
 *Truett, Ella Jane
 Truitt, Della B.
 Trou, Robert A.
 †Trusheim, Eva M.
 Tucker, Max W.
 *Tyler, Ellen C.

Vail, E. Keusett
 *Valentine, Vilma
 Van Fleet, Stephen C.
 Van Meter, Mary G.
 *Velie, Edna
 *Villaret, G., Jr.
 Vipond, A. Stuart
 *Voelkner, Charlotte A. C.

*Wagar, Elizabeth H.
 *Wagar, Fred L.
 Waldron, Joseph I.
 Walker, William E., Jr.
 *Waller, Louella
 †Wang, Ting Yun
 *Ware, Grace A.
 Warner, Anna P.
 *Wassman, Anita W.
 *Waters, J. Power
 Watkins, Charlotte L.
 *Watson, Virginia G.
 Watts, Leila E.
 Wedgworth, May
 *Weir, Richie Belle
 Welch, Florence Louise
 Weller, Smith E.
 Wesley, Maud A.
 Westerberg, Olga E.
 Westergren, Ruth A.
 Wetzell, Elsie A.
 †Whaley, Roberta M.
 Wheatley, Mrs. Walter
 Wheeler, Helen E.
 Wheeler, Hester
 Whipple, Verna A.
 White, Florence D.
 *White, Katherine
 Whiteside, Ruth N.
 Whitfield, Marie G.
 Whitlock, Henrietta
 Wihirt, Margaret B.
 †Wiles, Walter E.
 †Wilkinson, Lucille Warfield
 *Willard, Clara
 Williams, Alexander E., Jr.
 †Williams, Florence V.
 *Williams, Herbert E.
 Williams, Mathilde D.
 *Williams, Miriam H.
 †Willis, Martha O.
 *Willoughby, Barbara
 Wilson, Harry H.

Tex. 2848 27th Street
 Minn. 1320 Park Road
 D. C. 1333 12th Street
 N. Y. 1525 1st Street
 Mo. L-M Bldg., Govt. Hotels
 D. C. St. Elizabeth's Hospital
 Va. 66 So. Cedar Street, Cherrydale,
 Va.

Okla. 1316 L Street
 N. J. Alexandria, Va.
 Pa. V-W Bldg., Govt. Hotels
 D. C. The Maury
 Mo. 1424 Harvard Street
 D. C. 1501 16th Street
 Va. 3028 Cambridge Place
 D. C. Columbia Hospital
 D. C. 1314 30th Street
 D. C. 210 B Street S. E.
 D. C. 802 Massachusetts Avenue N. E.
 D. C. 1214 K Street

Md. The Ambassador
 Mass. 1320 21st Street.
 D. C. 2006 Columbia Road
 D. C. 1820 K Street
 N. Y. 1235 Girard Street
 D. C. 1709 Rhode Island Avenue.
 D. C. 3332 17th Street
 Kan. 1444 Fairmont Street

D. C. 2819 P Street
 D. C. 2819 P Street
 D. C. 3112 18th Street
 Ky. 1624 P Street
 Va. 1832 K Street
 China 644 Munsey Bldg.
 D. C. 1742 S Street
 D. C. 2001 16th Street
 D. C. 218 7th Street S. W.
 Md. Riverdale, Md.
 D. C. 1012 C Street N. E.
 D. C. 1321 Fairmont Street
 D. C. 1420 N Street
 D. C. 311 C Street
 Md. Hyattsville, Md.
 D. C. 1436 R Street
 Iowa 536 4th Street N. E.
 N. Y. 1114 Vermont Avenue
 Minn. 3210 19th Street
 D. C. 623 Quincy Street
 Ill. 4411 39th Street
 D. C. 1333 Gallatin Street
 D. C. 2226 Connecticut Avenue
 D. C. 1214 New York Avenue
 Ga. 1320 15th Street
 Va. 1801 I Street
 Ind. 721 Quebec Place
 Ill. 1501 16th Street
 D. C. P-Q Bldg., Govt. Hotels
 D. C. 815 A Street N. E.
 Ind. 1364 Harvard Street
 Va. Glencarlyn, Va.
 N. C. 1318-20 22nd Street
 D. C. 1526 K Street
 D. C. St. Elizabeth's Hospital
 D. C. 2300 19th Street
 Tenn. 1710 Rhode Island Avenue
 D. C. 1156 15th Street
 D. C. 1332 F Street N. E.
 D. C. 1700 Lamont Street
 Ill. G. H. Bldg., Govt. Hotels
 D. C. 1841 Lamont Street
 D. C. 4004 Georgia Avenue

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 Wisnom, M. Grace
 Wolf, Ethel
 Wolf, Harry
 Woodley, Mrs. M. Virginia
 Wooley, Mrs. Alice S.
 *Wylie, Katharine V.
 *Yagle, Irma E.
 Yosgour, Sonia S.
 *Zopf, Alice J.

D. C. 2007 G Street
 Minn. 300 Rutland Courts
 D. C. 2333 Ashmead Place
 D. C. 815 6th Street
 D. C. The Chastleton
 Ala. 1101 15th Street
 D. C. 1205 Thomas Circle
 Ala. 1114 Vermont Avenue
 D. C. 300 E Street N. E.
 D. C. 1833 Vernon Street

COLLEGE OF ENGINEERING

Candidates for Degrees

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|--|--------|----------------------------------|
| Adams, Jessica C. (Arch., 0) | Pa. | 808 Taylor Street |
| Ahern, Harry Paul (E. E., 0) | D. C. | 3415 Mt. Pleasant Street |
| Albert, Frank M. (C. E., 26) | N. J. | 1311 Kennedy Street |
| Allard, William C., Jr. (C. E., 23) | Md. | 32 Poplar Street, Takoma Park |
| | | Md. |
| Allen, Raymond E. (E. E., 0) | Ohio | 314 House Office Bldg. |
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| Epstein, Tessie (46) | D. C. | 1432 R Street |
| Erricson, Anna Lucinda (28) | N. Y. | 713 8th Street N. E. |
| Espey, Emolyn Carpenter (73) | Ky. | 131 A Street N. E. |
| Ewer, Maidee (52) | D. C. | 1141 New Hampshire Avenue |
| Fagin, Nathan B. (48 2/3) | Cal. | |
| *Fairchild, Floy F. (0) | D. C. | 2716 Ontario Road |
| | D. C. | 1922 Summit Place N. E. |

- †Feehan, Nancy (52)
 Forbes, Ina (0)
 Fowler, Alice V. (93)
 Frankenfield, Mrs. Mary L. H. (70)
 Fravel, Margaret (45)
 Friedman, David (0)
 *Friedman, Grace K. (0)
 Fry, Sara G. (31)
 Fulks, Iva (0)
 Gardner, Mary A. (0)
 Gerry, Katharine (27)
 Gervais, Mae C. (70)
 *Geschickter, Minnie (0)
 Getty, Annie G. (97)
 Gingrich, Elizabeth B. (20)
 Glass, Sue S. (52)
 Goodfellow, Katherine B. (80 2/3)
 Graham, Edgar (11)
 Grant, Florence E. (82)
 Green, Mildred (0)
 Greenawalt, Lambert (73)
 Greenwood, Katharine E. (53)
 Gregory, A. Josephine (104)
 Griest, Estelle C. (6)
 *Griffith, Elizabeth W. (52)
 †Grosvenor, Edith L. (60)
 Grubb, Dora E. (70)
 Grubbs, Alice L. (52)
 Gschwind, Marie R. (0)
 Guest, Cora E. (95)
 Guest, Margaret R. (95)
 †Guthridge, Eleanor C. (0)
 Guyton, Agnes H. (43)
 †Hanke, Edna E. (10)
 Harris, F. Lucille (48)
 †Harris, Sophia V. (65)
 Hart, Sara T. (68)
 *Hawkins, Mrs. Elizabeth I. (0)
 *Hellman, Mrs. Gladys S. (3)
 Herrick, Mary E. (67)
 Heyl, Mrs. Lucy K. (60)
 Hickerson, Rachel (0)
 Hickman, Clara (61)
 Hill, Florence B. (55)
 *Hill, Hazel Rae (87)
 Hillis, Irma M. (12)
 Holbrook, Edna F. (0)
 †Howes, Mrs. Nola H. (52)
 Hunt, Lucy J. (4)
 Hutson, Ruth Buyers (0)
 Ickis, Imogene R. (36)
 Jacobs, Laura (0)
 Jenkins, Kathryn B. (54)
 *Johnson, Carol H. (0)
 Johnson, Virginia H. (116)
 †Jones, Eunice (4)
 †Jones, Sarah L. (44)
 Keesecker, Ward W. (56 1/2)
 Kendrick, Elizabeth H. (66)
 Kennedy, Mabel L. (64)
 King, Elizabeth W. (48)
 Kinnear, Agnes I. (97)
 Kochka, Joseph L. (119)
 †Krouse, Clara M. (52)
 Mass. 2024 F Street
 N. Y. 1228 Fairmont Street
 D. C. 1346 Irving Street
 N. J. Cottage Hill
 Va. East Falls Church
 Md. 1824 H Street
 Conn. 1824 H Street
 W. Va. 1337 Girard Street
 Md. Gaithersburg, Md.
 Pa. 2109 F Street
 D. C. 3320 Mt. Pleasant Street
 D. C. 715 Monroe Street N. E.
 D. C. 1222 Connecticut Avenue
 D. C. 1819 Columbia Road
 Pa. 1432 Clifton Street
 Va. 1024 Vermont Avenue
 Canada 455 K Street
 Ark. 1811 G Street
 N. Y. 1228 Fairmont Street
 D. C. 600 23rd Street
 Pa. New Winston Hotel
 D. C. 806 Maryland Avenue N. E.
 D. C. Olympia Apts., 14th and Euclid Streets
 D. C. 1517 A Street N. E.
 Md. Gaithersburg, Md.
 D. C. The Iowa
 Va. 1914 H Street
 Va. Gaithersburg, Md.
 N. Y. 1229 Connecticut Avenue
 D. C. 3165 18th Street
 D. C. 3165 18th Street
 D. C. 1602 6th Street
 Colo. G-H Bldg., Govt. Hotels
 D. C. 605 Massachusetts Avenue N. E.
 D. C. 2306 1st Street
 D. C. 1801 K Street
 Va. P-Q Bldg., Govt. Hotels
 N. Y. 911 7th Street N. E.
 D. C. 3809 Jocelyn Street
 D. C. 2525 Wisconsin Avenue
 D. C. 1315 Fairmont Street
 Md. Germantown, Md.
 D. C. 442 New Jersey Ave. S. E.
 Ind. 1320 15th Street
 Md. 1309 17th Street
 Nebr. 3144 17th Street
 N. Y. 3207 Morrison Street
 Kan. 2011 F Street
 D. C. 437 New Jersey Avenue S. E.
 D. C. 826 Otis Place
 Iowa 2819 28th Street
 D. C. 1400 Decatur Street
 D. C. 809 10th Street
 D. C. 505 8th Street S. E.
 Va. N-O Bldg., Govt. Hotels
 N. C. 1228 Massachusetts Avenue
 Miss. 1319 N Street
 W. Va. Y. M. C. A.
 D. C. The Cumberland
 Va. 921 Shepherd Street
 Va. Geo. Wash. Park, Alexandria, Va.
 D. C. The Stanhope
 N. J. 217 Linworth Place S. W.
 D. C. 1650 Montello Avenue N. E.

- Lecky, Prescott (109)
 †Leonard, Mrs. Blanche S. (64)
 Lewis, Dorothy M. (62)
 Lewis, Elizabeth S. (69)
 †Lewis, Florence (0)
 Li, Kuang Z. (2)
 Lind, Ida May (36)
 Littleton, Mary V. (0)
 Lohmann, Pauline (78)
 Loman, Mary E. (20)
 *Loux, Lloyd F. (118)
 Lucas, Bertha L. (83)
- McCauley, Georgia Ann (0)
 McCauley, Irma G. (48)
 *McClure, Dora F. (15)
 McCormick, Florence (0)
 McGill, Marie C. (60)
 McGown, Ruth J. (68)
 McGuire, Mrs. Ava H. (0)
 *McKibbin, Mary T. (62)
 †McKnew, Jane M. (15)
 McNamara, Rosemary (0)
 Maffet, Marie L. (28)
 *Magruder, Mary (110)
 Mahoney, Julia (D. (64)
 Maitland, Florence (14)
 Mallan, Adele Blaine (0)
 Maloney, Emma J. (52)
 Marks, Gladys E. (0)
 Marshall, E. Blanche (57)
 Marshall, Mary E. (48)
 *Martin, Mrs. Gladys A. (77)
 Maxson, Evelyn J. (104½)
 Mayer, Carmen Louise (48)
 Meeks, Esther E. (12)
 *Merrick, Manila C. (0)
 Michaelson, Winifred M. (0)
 Moncure, Anne (0)
- Monred, Ravenell A. (54)
 *Moody, Ada C. (76)
 Moore, Margaret D. (0)
 *Moss, Mrs. Rose M. (0)
 Murray, Anna (0)
 Myers, Mrs. Helen F. (52)
- Newhouser, Enola H. (88)
 Newman, Otho L. (94)
 Nichols, Dorothy V. (65)
 Nicholls, Virginia M. (99)
- Oberholtzer, Mrs. Isabel M. (76)
 O'Brien, Julia (52)
 O'Connell, Margaret J. (15)
 *O'Hara, Elizabeth (84)
 Olcott, Mina E. (0)
 Grace (84)
 Oliver, Estelle I. (110)
 Orynski, Wanda (124)
- Partch, Vera H. (34)
 Parton, Dorothy M. (0)
 Parvis, Bertha (3)
 Patterson, Margaret S. (57)
 Pattison, Blanche L. (0)
 Payne, Willie May (6)
- Pedigo, Florence E. (27)
 Pollock, Laura K. (87)
 Poppleton, Hilda E. (12)
- Va. 1653 Pennsylvania Avenue
 Iowa 1800 K Street
 D. C. 4438 Kansas Avenue
 D. C. 3316 Mt. Pleasant Street
 Ind. 1336 I Street
 China 2312 19th Street
 D. C. 4516 14th Street
 W. Va. 916 I Street S. E.
 D. C. 429 4th Street N. E.
 Md. Sherman Avenue, Takoma Pk.
 Pa. 3404 Prospect Avenue
 D. C. 912 Kent Place N. E.
- Va. East Falls Church, Va.
 D. C. 1354 Monroe Street
 Pa. 1102 13th Street
 Mass. I-K Bldg., Govt. Hotels
 D. C. 160 Tennessee Avenue N. E.
 D. C. 1808 Kenyon Street
 La. Cherrydale, Va.
 Pa. 1819 G Street
 D. C. 1421 Columbia Road
 D. C. 1837 Wyoming Avenue
 Kan. 1320 15th Street
 Md. Rockville, Md.
 D. C. 4011 8th Street
 D. C. 1316 Girard Street
 D. C. 1824 I Street
 D. C. The New Berne
 D. C. 204 Rhode Island Avenue
 D. C. 1317 Rhode Island Avenue
 D. C. 7023 Blair Road
 Iowa 1497 Meridian Place
 D. C. 647 E. Capitol Street
 D. C. 3106 P Street
 D. C. 812 20th Street
 Iowa 1410 M Street
 D. C. 1234 Girard Street
 Va. 408 Duke Street, Alexandria, Va.
- Md. Gaithersburg, Md.
 D. C. 1512 P Street
 N. Y. V-W Bldg., Govt. Hotels
 Md. Capitol Heights, Md.
 D. C. 1317 Farragut Street
 D. C. 1346 Harvard Street
- D. C. 217 E. Capitol Street
 Ind. 613 Keefer Place
 Md. 6402 Connecticut Avenue
 D. C. 2144 F Street
- D. C. 129 Varnum Street
 D. C. Bethesda, Md.
 Wis. E-F Bldg., Govt. Hotels
 D. C. 135 S Street
 Conn. Glen Carlyn, Va.
 Fla. V-W Bldg., Govt. Hotels
 Tex. 911 19th Street
 Tex. 2008 G Street
- Iowa 625 The Hadleigh
 D. C. 417 10th Street S. W.
 Ind. 2026 P Street
 D. C. 3107 N Street
 D. C. 4805 Iowa Avenue
 Va. 422 N. Paxton Street, Alexandria, Va.
- Va. 1916 G Street
 Va. Victoria Apartment
 N. Y. 1130 New Hampshire Avenue

- Porter, Bessie J. (110)
 *Pumphrey, Nellie L. (4)
- Raftery, May Agnes (56)
 Rainey, Violette H. (0)
 Ramey, Elizabeth M. (58)
- †Rea, Inez G. (0)
 *Read, Willa (15)
 Reeve, Laura W. (98)
 Regan, Ruth (101)
 *Remsberg, Laura K. (48)
 Rice, Elizabeth N. (31)
 Rice, Mary (0)
 Riggs, Florence M. (28)
 Robinson, M. Edith (81)
 †Roebkin, Minnie Louise (0)
 Rogers, Mrs. Florence H. (94)
 Rogers, Rebecca M. (48)
 Rohart, Emerson (0)
 Ross, Helen G. (64)
 *Rowlands, Mabel (0)
 Rutter, Emma Louise (31)
- Sabella, Ricardo Hiceta (67)
 St. Clair, Ruth Clara (40)
 Sandys, Mrs. Ruth English (48)
- Saunders, Marian Elizabeth (32)
 *Scales, Elizabeth (132)
 Scott, Esther W. (75)
 *Scott, Ethel Fay (0)
 †Segelke, Carrie (52)
 Shepard, Alice Lydia (30)
 Sherman, Louise (95)
 Shewmaker, Lillian Alice (12)
 †Sibert, Irene C. (73)
 Sitler, Margaret Anne (81)
 Skogland, Ruth Marion (85)
 Smith, Zeula Zong (30)
 Sotzin, Heber Allen (79)
 Souder, Laura (8)
 Spielman, Marian B. (96)
 Squire, Mrs. Minnie C. (110 1/3)
 Staley, Adeline Emma (30)
 Standiford, Margaret W. (0)
 Steel, Mildred Estella (48)
 Steele, Marguerite Louise (0)
 Sterling, Virginia Norris (26)
 *Stokes, Jean C. (52)
 Stopplet, Jean G. (16)
 Suguitan, Demetrio (36)
 Sullivan, Marie Elizabeth (52)
 Swenk, Elizabeth Roberta (0)
 Swigart, Ada King (48)
- Taliaferro, Julia Crawford (48)
 Tancill, Rixey (0)
 Taylor, Bertha E. (87)
 Taylor, Mary Ella (71)
 Taylor, Nell Boyd (100)
 Tennyson, James Anna (70)
 Terment, Effie (0)
 Thompson, Mary Margaret (0)
 *Thompson, Myrtle Mae (50)
 Thornhill, Annie C. (110)
 Thrasher, Mrs. Annie B. (24)
 Traband, Juliet A. (0)
 Trent, Adelaide R. (64)
 *Trotter, Katherine E. (77)
 Tuckey, Ruth E. (64)
- Nebr. 1130 New Hampshire Avenue
 Md. Hyattsville, Md.
- D. C. 1412 30th Street
 Va. Rockville, Md.
 Va. 110 S. Alfred Street, Alexandria, Va.
- Colo. E-F Bldg., Govt. Hotels
 Wyo. 1648 Oregon Place
 D. C. 3217 19th Street
 Minn. The Maury
 D. C. 1359 Monroe Street N. E.
 D. C. 4832 16th Street
 Md. Germantown, Md.
 N. Y. 308 2nd Street N. E.
 D. C. 1415 Park Avenue
 D. C. 5224 Illinois Avenue
 D. C. 1104 Euclid Street
 D. C. 3546 13th Street
 Pa. 1824 H Street
 D. C. Bellevue Magazine, D. C.
 Ala. 1719 13th Street
 N. M. 2901 16th Street
- P. I. 2219 I Street
 Va. Alexandria, Va.
 N. Y. 507 N. Columbus Street, Alexandria, Va.
- D. C. 900 B Street N. E.
 Tex. 225 G-H Bldg., Govt. Hotel
 Md. 3100 P Street
 W. Va. 1710 Rhode Island Avenue
 Nebr. 1477 Meridian Place
 D. C. 1308 Kenyon Street
 Va. 637 M Street N. E.
 D. C. 500 Rhode Island Ave. N. E.
 Va. 1156 15th Street
 D. C. 417 11th Street N. E.
 Minn. 1758 Corcoran Street
 Cal. 2036 F Street
 Pa. East Falls Church, Va.
 Md. Gaithersburg, Md.
 D. C. 10 K Street N. E.
 D. C. 1349 Parkwood Place
 D. C. 2119 F Street
 D. C. 1229 L Street
 D. C. 616 7th Street N. E.
 Pa. X-Y Bldg., Govt. Hotels
 Md. 1819 G Street
 Md. A-B Bldg., Govt. Hotels
 Ohio 1702 Kilbourne Place
 P. I. 1747 E Street
 N. Y. 21 Michigan Avenue N. E.
 D. C. 1330 Irving Street
 Md. 327 Essex Street, Somerset, Md.
- Va. Vanderwerken, Va.
 D. C. 909 Massachusetts Avenue N. E.
 D. C. 1654 Euclid Street
 D. C. 1614 1st Street
 D. C. 2551 17th Street
 D. C. 1938 Biltmore Street
 Md. Gaithersburg, Md.
 D. C. 3155 19th Street
 Ind. 1826 California Street
 Va. 3033 15th Street
 D. C. 417 M Street N. E.
 Md. Upper Marlborough, Md.
 Va. Rosslyn, Va.
 D. C. 512 Rhode Island Ave. N. E.
 D. C. 40 F Street

TEACHERS COLLEGE

275

| | | |
|----------------------------------|-------|-----------------------------------|
| Twale, Gladys R. (102) | Md. | 224 Warren Avenue, Baltimore, Md. |
| †Van Meter, M. Lucile (27) | Va. | Rosslyn, Va. |
| *Von Eiff, Mildred T. (0) | D. C. | 631 B Street N. E. |
| *Waddy, Estelle Louise (0) | D. C. | 3023 O Street |
| Wafter, Margaret Estelle (97) | N. Y. | Kendall Green |
| *Walcott, Marie (97) | D. C. | 410 6th Street N. E. |
| Walcott, Sara Helen (0) | D. C. | 410 6th Street N. E. |
| Walker, Calpurnia (21) | Md. | Gaithersburg, Md. |
| *Walker, Helen Albaugh (0) | Md. | Gaithersburg, Md. |
| Walter, Eva May (62) | Ill. | 311 C Street |
| Waters, Suzanne Beatrice (84) | D. C. | 3009 11th Street |
| *Weber, Grace Rector (48) | D. C. | 808 A Street S. E. |
| Weiss, Charlotte Elizabeth (89) | Pa. | Kendall Green |
| Whildin, Mabel (28) | Md. | Kendall Green |
| *White, Mrs. Christine B. (0) | N. D. | 5200 13th Street |
| Whitzell, Margaret Eva (101) | D. C. | The Alabama |
| *Williams, Effie M. (0) | D. C. | 235 7th Street N. E. |
| Williams, Harriet M. (79) | Pa. | 2321 Ashmead Place |
| Williams, Mary Lillian (4) | Conn. | 1703 2nd Street N. E. |
| Williams, Ray Arthur (30) | Iowa | 611 H Street N. E. |
| *Williamson, Barbara L. (0) | Ind. | 1208 D Street N. E. |
| Williamson, Ernest Russell (108) | Ore. | The Toronto |
| Willis, Virginia Joyce (49) | Va. | 1320 15th Street N. W. |
| Willson, Agnes Wallace (28) | Ind. | 3213 11th Street |
| Wilson, Dorothy Young (48) | D. C. | 1435 Girard Street |
| Wimer, Martha Elizabeth (73) | D. C. | 1922 Belmont Road |
| Wolf, Hattie Mary (92) | D. C. | 2333 Ashmead Place |
| Womersley, Grace Merrill (18) | D. C. | 4122 8th Street |
| Wooden, Russell Ballard (53 1/3) | Ind. | 914 H Street |
| Woodford, Beatrice K. (29) | Md. | Silver Spring, Md. |
| Woodward, N. Faye (0) | Kan. | 1361 Fairmont Street |
| Yost, Myrtle Estelle (69) | D. C. | 1002 Pennsylvania Ave. S. E. |
| *Yost, Wilkins B. (0) | Pa. | Y. M. C. A. |
| Young, Mrs. Evelyn Hampel (93) | S. D. | East Falls Church, Va. |
| Zearfoss, John Elmer (14) | Pa. | 803 Allison Street |

SPECIAL STUDENTS

| | | |
|-------------------------------|----------|-------------------------|
| *Aldrich, Mrs. Bessie C. | Wis. | 4901 Wisconsin Avenue |
| Ankers, Norvetta B. | Va. | Chevy Chase, Md. |
| *Beall, Harry S. | Md. | Rockville, Md. |
| *Bell, Gretchen P. | Va. | Rockville, Md. |
| *Brewer, Mary McP. | Md. | Rockville, Md. |
| Brewer, Virginia F. | Md. | Rockville, Md. |
| *Brubaker, Calpurina | Md. | Rockville, Md., R. D. 2 |
| Dobrowolski, Aurelia | La. | 2807 Ontario Road |
| Evans, Mattie | Ind. | 2153 New York Avenue |
| Fitzhugh, Sallie | Va. | 1236 Girard Street |
| Gardner, Elizabeth | Md. | Laurel, Md. |
| Gilbert, Lee E. | Md. | Laurel, Md. |
| A. B., University of Maryland | | |
| †Goldberg, Leah | D. C. | 2129 18th Street |
| Hazard, Henry B. | Ore. | 2618 13th Street |
| *Healy, Elizabeth | Mich. | X-Y Bldg., Govt. Hotels |
| *Heintzelman, Antoinette R. | D. C. | 423 K Street |
| *Hendry, Mary | Scotland | Govt. Hotels |
| Isherwood, Ida L. | Md. | Rockville, Md. |
| *Jessup, Maud M. | Va. | 1236 11th Street |
| *Kingdon, Hattie C. | Md. | Rockville, Md. |

| | | |
|-------------------------------------|--------|---------------------------|
| †Livingston, Isabel A. | N. Y. | A-B Bldg., Govt. Hotels |
| McAtee, Evelyn W. | Md. | Germantown, Md. |
| McMillion, Hulda Frances | Calif. | E-F Bldg., Govt. Hotels |
| *Mangum, Susie A. | D. C. | 660 K Street N. E. |
| Parker, Ruth B. | D. C. | 1319 Shepherd Street |
| Reeves, Ruth E. | Va. | Falls Church, Va. |
| A. B., George Washington University | | |
| Reynolds, Louise C. | Va. | Rockville, Md. |
| Rice, Elberta T. | Md. | Rockville, Md. |
| Richardson, Frank W. | D. C. | 613 12th Street N. E. |
| Roat, Anna Louise | N. Y. | 1115 N. Capitol Street |
| A. B., George Washington University | | |
| Ryan, Mrs. Amanda | D. C. | C-D Bldg., Govt. Hotels |
| *Safford, Howard P. | D. C. | 4309 Kansas Avenue |
| E. E., George Washington University | | |
| St. John, Grace Z. | D. C. | 1800 K Street |
| Sams, Mrs. M. M. | Va. | The Toronto |
| *Scott, Walter C. | D. C. | 906 B Street S. E. |
| Smith, William F. | D. C. | 1340 F Street N. E. |
| Sullivan, Mary E. | Iowa | 1215 K Street |
| Taylor, Georgia Mae | Tenn. | Rockville, Md. |
| Toner, Caroline E. | D. C. | 1814 Ingleside Terrace |
| Troxell, Thomas W. | Md. | Gaithersburg, Md. |
| Wagoner, Ada Louise | W. Va. | L-M Bldg., Govt. Hotels |
| Walters, Julia A. M. | Md. | Rockville, Md. |
| Warneke, Cornelia A. | Ill. | 2120 G Street |
| *Watt, Mrs. Florence B. | Col. | 1512 9th Street |
| White, James W. | Md. | Germantown, Md. |
| †Willis, Mrs. Mary M. | Ind. | 909 Maryland Avenue N. E. |
| *Young, Mrs. Irene O. | D. C. | 2210 Pennsylvania Avenue |

SUMMER SCHOOL, 1921

| | |
|-------------------------------------|-----------------------|
| Abel, Mary E. | Ames, Herman |
| Illinois | New Hampshire |
| Abramson, Herbert | Anda, Magnus |
| District of Columbia | California |
| Aiken, Carolyn | Anderson, Lillie |
| Tennessee | North Dakota |
| Aiken, Miss Sam | Anderson, Theodore C. |
| Tennessee | Virginia |
| Agniel, Rosamund | Anderson, Thomas M. |
| Maryland | Maryland |
| Albert, Frank M. | Apachi, Chuichi |
| New Jersey | Japan |
| Alderson, Maude Lewis | §Arts, Jacob |
| Indiana | Massachusetts |
| §Alexander, Maxie M. | Aurynger, John J. |
| North Carolina | New York |
| Alexander, Susan | Ayres, Hersie P. |
| Illinois | Virginia |
| Allard, William C., Jr. | |
| Maryland | Babeock, Earl |
| Alseen, Myrtle F. C. | Nebraska |
| Minnesota | Babeock, William S. |
| Alsop, Nellie | District of Columbia |
| Texas | §Bacheller, Alice |
| Altrup, F. W. | Massachusetts |
| Virginia | Bailey, Emmett C. |
| Aman, John A. | Wisconsin |
| A. B., George Washington University | Bailey, Vera |
| Maryland | District of Columbia |

- Baker, Julia C.
 South Carolina
 Ballah, Cleva
 District of Columbia
 Barker, George A.
 New York
 Barnes, Laurence A.
 New Jersey
 Barr, James R.
 District of Columbia
 Bartlett, Helen R.
 A. B., Western Maryland
 College
 Maryland
 Bassler, William S.
 District of Columbia
 Bau, Miss Vong May
 China
 Bayly, Margaret
 District of Columbia
 Beach, Jessie
 Texas
 Beadle, Mary A.
 Montana
 Beall, Isaac N.
 District of Columbia
 §Beaulac, Madeleine
 District of Columbia
 Becker, F. E.
 Indiana
 Beckett, Edgar W.
 District of Columbia
 Behne, Joseph C.
 Oklahoma
 Beller, Elizabeth C.
 A. B., George Washington
 University, 1917
 District of Columbia
 Benner, Harry L.
 District of Columbia
 Benson, Russell B.
 Wisconsin
 Bergin, May C.
 District of Columbia
 Berke, Ray
 Minnesota
 Berliner, Julius F.
 District of Columbia
 Bertelson, Wesley
 North Dakota
 Best, Robert
 Colorado
 Biclouss, Sara
 Russia
 Bier, Robert A.
 A. B., University of Maryland
 District of Columbia
 Bisselle, Huldert L.
 Maryland
 Black, Owen
 Oklahoma
 Blanchard, Mrs. Frances A.
 New Hampshire
 Blank, Samuel H.
 New Jersey
 Blanton, John M.
 Texas
 Bleiker, Ross F.
 Missouri
 Blinston, Chester A.
 District of Columbia
 Blum, Jeannette
 District of Columbia
- Boggess, Ruth
 West Virginia
 §Bogorad, Nina
 District of Columbia
 Boltz, Nell C.
 Pennsylvania
 Bond, S. Hazen
 Illinois
 Bonner, Harrie R.
 West Virginia
 Booth, Nina M.
 New York
 Booth, Rebecca A., Mrs.
 District of Columbia
 Borden, Hazel A.
 Massachusetts
 Borgstadt, Mrs. Effie
 Missouri
 Borgstadt, Harry
 A. B., Missouri University
 Missouri
 Bough, Alice K.
 New York
 Bounds, Herman J.
 Maryland
 Bowen, George L.
 Kansas
 Box, Mary
 Texas
 Boyce, Fannie
 District of Columbia
 Boyd, Helen
 New Jersey
 Boyd, James I.
 District of Columbia
 Bradley, Mary M.
 Georgia
 Bradshaw, Max
 Virginia
 Breslin, Catherine
 Pennsylvania
 Brethorst, Lydia
 Washington
 Breuninger, Miss Robin
 District of Columbia
 Briggs, Helen N.
 District of Columbia
 §Brigham, Dr. Gertrude R.
 District of Columbia
 §Britain, Mrs. Cora L.
 Louisiana
 Brocks, George S., Jr.
 District of Columbia
 Brodherson, Julia
 New York
 Brookley, Lora A.
 Ohio
 Broome, Edwin W.
 Maryland
 Brotman, Irving
 District of Columbia
 Brotman, Melvin
 District of Columbia
 Brown, Erma
 Missouri
 Brown, Georgia M.
 Minnesota
 §Brown, James J.
 District of Columbia
 Brown, Lucile
 Maryland
 Brown, Mabel A.
 Illinois

- Brown, Mary C.
 District of Columbia
 Brown, Ruth
 Tennessee
 §Bryson, Warren W.
 Pennsylvania
 Buchanan, James A.
 Michigan
 Buckingham, Charles T.
 Pennsylvania
 Buckley, J. Raymond
 District of Columbia
 Bunch, Mrs. Mary
 West Virginia
 Burdick, B. F.
 Alabama
 Burgess, Sabra
 Indiana
 Burgin, Walter
 Vermont
 Burlingame, Annie E.
 District of Columbia
 Burns, Mrs. Beulah
 California
 Burns, Rea C.
 A. B., Cedarville College
 Ohio
 Burnside, D. D.
 District of Columbia
 Burritt, Loren
 B. S., Maryland State College
 District of Columbia
 Bushong, Levi D.
 Virginia
 Butkiewicz, Eugenia
 Illinois
 Butler, Howard D.
 Virginia
 Butler, Mary J.
 New York
 Buzbee, Joshua A.
 Alabama
 Byers, Miss Kansas
 North Carolina
 §Cajigas, Adeline
 Porto Rico
 Caldwell, Millard
 Virginia
 Calhoun, Edward J.
 District of Columbia
 Cantrell, Mrs. Cecil H.
 Texas
 Cantrell, William Clyde
 Texas
 Carle, Herbert M.
 Ohio
 Carr, Elma B.
 M. A., 1920, George Washington
 University
 Kentucky
 Carr, Margaret J.
 Maryland
 §Carter, Elmer J.
 Maryland
 Carter, Robert C.
 Maryland
 Cavin, Emma
 Alabama
 Cerceo, Alfred
 New York
 Cerceo, A. V.
 District of Columbia
 Challice, Clara E.
 District of Columbia
 Chan, J. H.
 China
 Chaney, A. L.
 District of Columbia
 Chaney, Mrs. B. Shanks
 A. B., Union College
 Maryland
 Chapman, Katharine
 Maryland
 Chatelain, Leon
 District of Columbia
 Chatfield, Helen L.
 New York
 Cheek, William F.
 North Carolina
 Chickering, Elizabeth E.
 New Hampshire
 §Chipley, Anna E.
 District of Columbia
 Churchman, H. Clarence
 LL. B., Georgetown University
 Iowa
 Cline, Robert C.
 Virginia
 Coe, Bryan
 Maryland
 Coelho, Guillermo
 Argentine
 §Coghlan, T. F.
 District of Columbia
 Cogswell, Eunice M.
 Pennsylvania
 Coleman, Charles H.
 District of Columbia
 Colflesh, Robert
 Iowa
 Colvin, H. Lynn
 District of Columbia
 Conn, Edward L.
 North Carolina
 Conner, J. Paul
 Indiana
 Connick, Mildred
 District of Columbia
 Connolly, John A.
 Massachusetts
 Courtney, Francis X.
 New York
 Cook, Hildreth
 Georgia
 Cook, J. Williamson
 District of Columbia
 Cooper, Agnes E.
 Kentucky
 Cooperman, Harriet
 Iowa
 Corey, George H.
 Pennsylvania
 Corey, Wilbur L.
 New York
 Corkham, Cecil S.
 A. B., Pacific Union College
 District of Columbia
 Cotton, Robert B.
 Mississippi
 Cousins, Christopher
 District of Columbia
 Couture, Mildred L.
 New Hampshire
 Cowen, Roberta
 Pennsylvania

- Cowgill, Paul
 Illinois
 §Cowling, Harriet M.
 Illinois
 Cox, Carrie
 West Virginia
 Creswell, G. William
 Maryland
 Criswell, Howard
 District of Columbia
 Crocker, Arthur W.
 Virginia
 Crockett, Bessie Lee
 District of Columbia
 Crofton, George H.
 Massachusetts
 Cronie, John L.
 District of Columbia
 Crosby, Pearl
 LL. B., George Washington
 University
 New Jersey
 Cullen, Ruth W.
 Illinois
 Cunningham, Frederick B.
 Virginia
 Curtiss, Juliet
 District of Columbia
 Dammeyer, Marion A.
 District of Columbia
 Daniel, Irene
 A. B., George Washington
 University
 District of Columbia
 §Dantzig, Louis
 District of Columbia
 Darby, Roy T.
 Iowa
 Davidson, Anita
 Colorado
 Davidson, James F.
 New York
 Davidson, Lessye
 Tennessee
 Davidson, Winifred
 Tennessee
 Davis, Channing O.
 District of Columbia
 Davis, Frances Geschickter
 District of Columbia
 Davis, Ruth E.
 District of Columbia
 §Dawson, John B.
 Ohio
 Dean, Waiva A.
 Oregon
 Dean, Benjamin F., Jr.
 District of Columbia
 Dearing, Florence B.
 New Jersey
 Deason, Mrs. Emma J.
 Texas
 Delawder, John L.
 District of Columbia
 Denison, A. Robert
 District of Columbia
 De Voe, Winifred
 Georgia
 Dillard, Elizabeth
 Alabama
 Dixon, Harry B.
 Pennsylvania
 Dixon, L. Earl
 New York
 Dobkin, William W.
 District of Columbia
 Dodd, Elizabeth
 District of Columbia
 Dodd, Mary R.
 District of Columbia
 §Dodek, S. M.
 District of Columbia
 Dollarhide, Daniel A.
 Arkansas
 Donahue, Mary H.
 District of Columbia
 Donaldson, Agnes
 Virginia
 Donaldson, Claude C.
 Texas
 Dondero, Albert H.
 Michigan
 Don Leavy, Mary A.
 Vermont
 Donnelly, Horace J., Jr.
 District of Columbia
 Donovan, Mrs. Katherine
 Washington
 Doran, Sarah L.
 New York
 §Dorsey, James A.
 Virginia
 §Douglass, Eugene D.
 Texas
 Dow, Edward P.
 North Dakota
 Dowd, Cecil J.
 District of Columbia
 Downey, Jane
 District of Columbia
 Drene, Estella C.
 District of Columbia
 Drown, Marion J. H.
 District of Columbia
 Dubins, Julius
 New York
 Du Bose, Camille
 District of Columbia
 Dungan, Anne
 Virginia
 Dyer, Charles F.
 District of Columbia
 Earl, Clarence E.
 Colorado
 Eastlack, Mrs. Lola F.
 Iowa
 Edwards, John E.
 District of Columbia
 Egli, Edwin B.
 Iowa
 Ehrhart, Mabel B.
 Virginia
 §Eliason, Mary E.
 Massachusetts
 §Elliott, John
 New Jersey
 Ely, Mrs. Edith W.
 District of Columbia
 Escher, Julia M.
 Minnesota
 Everett, Charlotte C.
 District of Columbia
 Ewell, Agnes C.
 Minnesota

- Faries, John S.
 Nebraska
 Farnum, E. Jean
 Illinois
 Farrar, Frederick
 North Carolina
 Faust, Eleanor
 Pennsylvania
 Fenton, Anna B.
 Massachusetts
 Ficklin, Kroes
 A. B., George Washington
 University
 Virginia
 §Fillius, Maurice W.
 District of Columbia
 Fisher, Henry P.
 District of Columbia
 Fisher, Margaret
 Iowa
 Fisher, O. Edward
 Michigan
 Flaacke, Frances G.
 New Jersey
 Flack, Herron T.
 Kansas
 Flavin, Edward J.
 Massachusetts
 Flisher, Leonora V.
 New York
 Folse, Lenard R.
 Louisiana
 Foreman, Genevieve
 Illinois
 Frank, William
 New York
 Fred, Rogers M.
 District of Columbia
 Free, Walter H.
 Iowa
 Freeman, Dorothy
 Illinois
 Freudenreich, Elizabeth
 Indiana
 Fuller, Gladys
 Georgia

 Gant, J. C.
 Maryland
 Gapuz, Bernardo
 Philippine Islands
 Gardner, Allen H.
 Pennsylvania
 Gardner, Helen M.
 Pennsylvania
 §Gardner, Z. C.
 B. S., North Carolina State
 College
 North Carolina
 Garey, Mary M.
 Maryland
 Garrels, Harriett E.
 District of Columbia
 Gates, Mrs. Isabel L.
 Nevada
 Gebhart, Arthur I.
 Pennsylvania
 Geier, Fred
 District of Columbia
 Geisler, Wm. H.
 California
 Geschickter, Charles
 District of Columbia

 Gillespie, Rees A.
 Missouri
 Gingrich, Elizabeth B.
 Pennsylvania
 §Gittleman, David
 New York
 Glass, John D.
 Kansas
 Glover, Clarence K.
 West Virginia
 Glover, Odessa V.
 Indiana
 Glycofrides, Eustace
 District of Columbia
 Goddard, Eunice F.
 Maine
 Goldstein, Joe
 District of Columbia
 §Gordon, D. M.
 Arkansas
 Graham, George E.
 District of Columbia
 Graham, Robert E.
 Virginia
 Grass, Edward J.
 District of Columbia
 Gravatt, Frances
 Virginia
 §Gray, Joseph E.
 District of Columbia
 Gray, Ulysses
 Alabama
 §Greeley, Arthur E.
 District of Columbia
 Greenawalt, Lambert
 Pennsylvania
 Greene, Aldie R.
 Michigan
 Greene, William M.
 Virginia
 Greenlee, Zoda V.
 Ohio
 Gress, Howard D.
 Pennsylvania
 Grimm, Freda
 New York
 §Grogan, Samuel S.
 District of Columbia
 Guanella, Frances M.
 Iowa
 Guilford, Annie
 Maryland
 Gunther, Maude C.
 Virginia
 Gustin, Robert D.
 District of Columbia

 Hadlock, Vera M.
 Massachusetts
 Hagan, J. Foster
 Virginia
 Haines, Mary S.
 Missouri
 §Hall, Elmer A.
 Florida
 Halloran, Edward R.
 Maryland
 Hamilton, Bonifant
 B. S. and M. S., George
 Washington University
 District of Columbia
 Hamilton, Margaret
 Missouri

- Hamilton, James M.
 Nevada
 Hammond, L. Mead
 Maryland
 Harbaugh, Yost D.
 District of Columbia
 §Herrington, Margaret C.
 District of Columbia
 Harris, Samuel R.
 Pennsylvania
 Harrison, Arthur P.
 Maryland
 Harroun, Lucile
 Connecticut
 Hart, Grace B.
 Massachusetts
 Hart, Sara T.
 District of Columbia
 Hartman, Arthur
 District of Columbia
 Hartshorn, Theodore D.
 Maryland
 §Hartung, Frederick A.
 Minnesota
 Haslup, Alice E.
 A. B., George Washington
 University
 Maryland
 Haverstock, George M.
 Pennsylvania
 Hauke, Edna E.
 District of Columbia
 Hawkins, Walter
 Connecticut
 Haworth, Ellis
 District of Columbia
 Hay, Mary M.
 District of Columbia
 Haydis, H.
 California
 Hayes, Jennie V.
 Pennsylvania
 Haynes, John L.
 District of Columbia
 Hays, Cathryn
 District of Columbia
 Hays, Elizabeth F.
 West Virginia
 Hazell, Joseph W.
 District of Columbia
 Heal, Bernice I.
 Indiana
 Heal, Delight
 Indiana
 Hebbard, Nell
 A. B., 1912, University of
 Wisconsin
 Wisconsin
 Heckert, George T.
 West Virginia
 Heid, John L.
 Illinois
 Heller, John G.
 Virginia
 Heller, William L.
 Virginia
 Henderson, Edward P.
 Ohio
 Henkin, Benjamin
 District of Columbia
 Hennings, Charles
 New York
 Henrickson, Henry B.
 Rhode Island
 Hensel, Minnie V.
 Ohio
 Hepburn, Matthew
 District of Columbia
 Herbst, Mildred L.
 District of Columbia
 Herrick, Mary E.
 District of Columbia
 Hessler, Agnes B.
 District of Columbia
 Heyl, Lucy K.
 New York
 Hickman, Clara
 District of Columbia
 Hickox, Ralph
 Mississippi
 Higgins, Arthur L.
 District of Columbia
 Hill, Alice F.
 District of Columbia
 Hill, Hugh P., Jr.
 District of Columbia
 Hillig, Fred H.
 Illinois
 §Hillman, Earl S.
 District of Columbia
 Hobgood, Katherine W.
 Louisiana
 Hobson, Mrs. Gladys
 Alabama
 Hobson, John R.
 Maryland
 Hogan, Florence G.
 District of Columbia
 Holden, Rosa
 Alabama
 Holley, Bernice M.
 Kentucky
 Homan, Lester S.
 Ohio
 Hooks, Lillian
 North Carolina
 Hooper, Caroline A.
 Alabama
 Howard, Mrs. Ella
 Massachusetts
 Howard, F. K.
 Virginia
 Howard, R. C.
 Mississippi
 §Howells, Russell
 Ohio
 Hsu, Mour
 China
 Hudmon, William Elliot
 District of Columbia
 Hughes, Charles W.
 Maryland
 Hughes, Fannie
 West Virginia
 Hughes, Frederick H.
 Pennsylvania
 Humphrey, Omar C.
 Minnesota
 Hunt, Ada M.
 District of Columbia
 Hunt, Lucy J.
 District of Columbia
 §Hupp, Ethel
 West Virginia

- Hury, Samuel R.
Illinois
Hyslop, Clarence M.
Nebraska
- Ireman, Dessie
Michigan
- §Jacobs, Charlotte R.
District of Columbia
James, Henry H.
Georgia
Jansen, Russell J.
Minnesota
Jewett, Elizabeth
New York
§Johnson, Aileen E.
New York
Johnson, Dunbar H.
District of Columbia
Johnson, Edward H.
Texas
Johnson, Elsie E.
New York
Johnson, Emily W.
Virginia
Johnson, Ethel M.
Ohio
Johnson, Frances I.
Tennessee
Johnson, Mrs. Grace D.
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Johnson, Lester W.
Illinois
Johnson, Margaret
District of Columbia
Johnson, Marion J. J.
New York
Johnston, Kenneth K.
Nebraska
Johnston, Oliver
Ireland
Jones, Ellsworth D.
Virginia
Jones, Mrs. Evelyn E.
Virginia
Jones, F. M.
Kansas
Judd, Eleanor C.
Indiana
- Kallock, Eleanor
Minnesota
Kampe, Albert H.
Michigan
Kane, Anthony J.
Pennsylvania
Kane, Al J.
Pennsylvania
§Katopothis, Steven E.
District of Columbia
Katz, Leon
District of Columbia
Keehan, John
Connecticut
Keene, Henry C.
California
§Keesecher, Ward W.
West Virginia
Keil, Lewis E.
Texas
- §Keister, Melvin P.
Pennsylvania
Kelton, Adelaide
District of Columbia
Kennedy, Mary E.
Pennsylvania
Ketwer, Fred Y.
North Carolina
§Kincaid, C. B.
District of Columbia
Kincannon, Linda Jane
A. B., Mississippi State Col-
lege for Women
Mississippi
§King, Ivan R.
Illinois
Kingsbury, Dorothy E.
Michigan
Kinsella, William J.
District of Columbia
Kinyoun, Conrad
Missouri
Kirby, Walter
Ohio
Kitchin, Ione
North Carolina
Knisely, Edna
Indiana
Krause, Edward A.
Kansas
Kupjian, Heig
A. B., Washington Missionary
College
New York
Kutz, Miriam L.
Indiana
- Lampert, Fred W.
Washington
Lamson, Elizabeth H.
District of Columbia
Lang, Richard J.
New York
Langrall, Nellie G.
Maryland
§Larrain, Abel R.
Peru
Lattman, Isador
New York
Lattman, Morris
New York
Lavery, Thomas C.
Maryland
Lawrence, Walter B.
Texas
Lee, Lona
Iowa
Lee, Mary E.
A. B., Ouachita College
Arkansas
Lee, William J.
Korea
Leedy, Nellie G.
Missouri
Leese, Loraine
District of Columbia
Lehman, Percy B.
Maryland
Levin, Beatrice H.
District of Columbia
Lewis, Dorothy M.
Virginia

Lewis, Robert S.
 District of Columbia
 Lewis, Stuart
 Illinois
 Li, K. Z.
 China
 Limper, Ernest A.
 Indiana
 Lindow, Oscar
 A. B. George Washington
 University
 Wisconsin
 Lindsey, Irving
 Virginia
 Linthicum, William A.
 Maryland
 Lipsitch, Myer S.
 Massachusetts
 Liske, Claire C.
 Wisconsin
 Lista, Louis J.
 West Virginia
 Little, Donald
 Kansas
 Lockwood, Verne
 Washington
 Loeffler, Hyman
 Virginia
 Lohman, Pauline
 District of Columbia
 §Loman, Mary E.
 Maryland
 Loman, William M.
 Maryland
 Long, W. Rodney
 Massachusetts
 Loo Shu Shung, Francis
 China
 Lord, Isaac Q.
 District of Columbia
 Loux, Lloyd F.
 Pennsylvania
 §Lowry, Gilbert S.
 District of Columbia
 Luber, Samuel
 District of Columbia
 Ludlow, Margie
 District of Columbia
 Lutz, Charles
 Illinois
 Lutz, E. Russell
 District of Columbia
 Lynn, Wallace P.
 District of Columbia
 §McCann, Leo P.
 District of Columbia
 McCarten, Katherine
 Iowa
 McCarthy, William A.
 Virginia
 McCauley, Katherine
 District of Columbia
 McClelland, Vesta G.
 Illinois
 McClurg, Alice
 Indiana
 McClure, Dora
 Pennsylvania
 McConkie, M. Lucile
 B. S., Coe College
 Iowa

McCoy, Harold D.
 Wisconsin
 McCoy, Horace B.
 Indiana
 McCoy, John S.
 District of Columbia
 McCullough, Gladys E.
 Pennsylvania
 §McDonald, Joseph R.
 Massachusetts
 McDowell, N. Louise
 District of Columbia
 McFadden, Marion
 Ohio
 McGrath, Robert
 Illinois
 McIntyre, Joseph D.
 District of Columbia
 McIntyre, Malcolm
 Maine
 McKay, Elmer C.
 District of Columbia
 McKinney, George, Jr.
 Oklahoma
 McLeod, Mrs. Bathsheba M.
 North Dakota
 McManus, Mary
 Pennsylvania
 MacDougle, Vincent
 District of Columbia
 McMurray, Johnson
 Kentucky
 McNeely, John Joseph
 District of Columbia
 McNeill, Robert H.
 District of Columbia
 Macmillan, Clifford J.
 LL. B., University of Southern
 California: LL. M., George
 Washington University
 California
 Magruder, Mary
 Maryland
 Mague, Roscoe E.
 Massachusetts
 Magner, Rose Z.
 New York
 Mahoney, Julia D.
 District of Columbia
 Majeska, Blanche J.
 New York
 Mallard, Evelyn H.
 Georgia
 Manning, Lee C.
 Maryland
 Marland, Milton L.
 District of Columbia
 Marlowe, Mabel
 Oklahoma
 Maroney, Winifred
 Pennsylvania
 Marshall, Murray L.
 Maine
 Marshino, Ora
 Kentucky
 Martin, Agnes
 Missouri
 Mason, Beatrice
 District of Columbia
 Mason, John Russell
 District of Columbia
 Matejka, Mrs. Vladimir
 Czechoslovakia

- Mathews, Alma L.
 Pennsylvania
 Mattison, Dorothy
 Vermont
 Maxson, Evelyn J.
 District of Columbia
 Maxwell, John E.
 Alabama
 Mayer, Joseph A.
 Pennsylvania
 Medley, Grace H. E.
 Maryland
 Meek, Betty
 Indiana
 Mehring, Arnon L.
 Pennsylvania
 Menaugh, Cora J.
 District of Columbia
 Mendelson, Israel
 District of Columbia
 Menzel, Theophil
 District of Columbia
 Merrill, Lottie
 New York
 Merriman, Ervin E.
 Indiana
 Merris, Donald E.
 Pennsylvania
 Middlebrooke, Cecilia A.
 Texas
 Miller, Carrie M.
 Missouri
 Miller, Elvan A.
 Pennsylvania
 Miller, Marion S.
 A. B., University of North
 Carolina
 North Carolina
 Moakley, Charlotte
 New York
 Moeller, Otto
 New York
 Monred, Miss Ravenell
 Maryland
 Montague, L. Gordon
 Wisconsin
 Moore, Frank D.
 A. M., George Washington
 University, 1918
 Kentucky
 Morawski, Arthur L.
 Massachusetts
 Morishima, Morito
 Japan
 Mosely, Elizabeth L.
 Texas
 Moskey, Frank R.
 District of Columbia
 Moulton, Edward B.
 Illinois
 Moulton, Parthia
 Maryland
 Moxness, Bennie A.
 North Dakota
 Murdaugh, J. E. Dandridge
 A. B., University of Virginia
 Maryland
 Murphy, Margie
 Kansas
 Murray, J. Mildred
 West Virginia
 Murray, Raymond W.
 District of Columbia
- Murrill, Minnie D.
 Virginia
 Mussman, M. A.
 Pennsylvania
 Myers, William C.
 A. B., Grove City College
 Maryland
 Nathanson, Esther A.
 Virginia
 Naylor, E. E.
 A. B., George Washington
 University
 Missouri
 Neacey, William
 District of Columbia
 §Neill, William L., Jr.
 Texas
 Nelson, Agnes
 A. B., George Washington
 University
 North Dakota
 Nelson, Clarissa A.
 North Dakota
 Neviaser, Arnold H.
 District of Columbia
 Neviaser, Julius
 District of Columbia
 Newcomer, Harry E.
 District of Columbia
 Newell, Alphonso M.
 District of Columbia
 Newell, Roger S.
 District of Columbia
 Nicholls, Virginia
 District of Columbia
 Nichols, Stanley W.
 Illinois
 Nicholson, Margaret M.
 Virginia
 Nielsen, J. N.
 Illinois
 Nimentz, Aaron
 District of Columbia
 Nolan, James F.
 New Jersey
 Norris, Bertha C.
 New York
 Norton, Frances
 New York
 Norwood, David J.
 District of Columbia
- §O'Dea Marie
 Maryland
 O'Flaherty, Daniel
 Virginia
 Oldham, E. Grace
 Florida
 Ortega, Julian
 Philippine Islands
 Orynski, Wanda
 Texas
 §Ottman, Millard F.
 District of Columbia
 Overstreet, Walter E.
 South Carolina
 Owens, Byron
 Pennsylvania
 Palmer, J. Joseph W.
 District of Columbia

- Palmer, Mrs. Minette D.
 West Virginia
 Palomar, Gaudioso P.
 Philippine Islands
 Parke, Grace B.
 Illinois
 Parker, Evelyn
 Vermont
 Parker, Mrs. Ruth B.
 District of Columbia
 Parvis, Bertha
 Indiana
 Patterson, Homer L.
 Georgia
 Patton, Gordon S.
 Mississippi
 §Payne, Howard S.
 Virginia
 Pearson, Essie Lee
 District of Columbia
 Pedigo, Florence
 Virginia
 Peele, Manly
 Virginia
 Pepper, Thomas D.
 District of Columbia
 §Pepperman, Harriett J.
 Michigan
 Perkins, Helen F.
 District of Columbia
 Perrin, Harry W.
 A. B., Berrien Springs College
 A. M.
 Michigan
 Peterson, Emmett J.
 California
 Peterson, Robert K.
 Virginia
 Peterson, William W.
 A. B., George Washington
 University
 Iowa
 Pevey, Carrie
 Mississippi
 Phelps, Mrs. Anna W.
 District of Columbia
 Phelps, Harold A.
 A. B., Brown University
 Massachusetts
 Phillips, Arletta
 District of Columbia
 §Phillips, John W.
 North Carolina
 Phillips, Joseph J.
 District of Columbia
 Pim, James H.
 Colorado
 Pittman, Estelle M.
 Ohio
 Plotnick, Barney
 Virginia
 Porter, Bessie J.
 Nebraska
 Porter, Etta C.
 New York
 Poultney, Mrs. Louise S.
 Massachusetts
 Powers, Robert S.
 New York
 Poynton, Edward A.
 District of Columbia
 §Price, Chester F.
 Alabama
 §Price, Hazel L.
 Maryland
 Price, Mary E.
 Illinois
 §Price, Virginia W.
 District of Columbia
 §Prince, Acel E.
 Idaho
 §Proctor, Frank B.
 District of Columbia
 Pumphrey, Nellie L.
 Maryland
 Purnell, Bess
 Kentucky
 Purse, Mrs. Grace G.
 Oregon
 Putnam, Amy D.
 New Jersey
 §Pyle, Harley
 West Virginia
 Quayle, Edgar E.
 Ohio
 Quigley, George W.
 Pennsylvania
 Quinlan, Joseph
 A. B., George Washington
 University
 Massachusetts
 Quinn, David L.
 Maryland
 Quinn, Edward F.
 New York
 Ramsey, Margaret C.
 District of Columbia
 Ramsey, Osman
 District of Columbia
 Randolph, Stella
 Illinois
 Ranker, Gertrude A.
 Ohio
 Ray, Hartzell H.
 Kansas
 §Rea, Courts D.
 District of Columbia
 Reams, Paul E.
 Louisiana
 Redinger, Carl C.
 West Virginia
 Reed, Paul C.
 Louisiana
 Reese, W. E.
 Louisiana
 Reeve, Laura W.
 District of Columbia
 Regan, Agnes E.
 New York
 Regan, Ruth
 District of Columbia
 Regan, Thomas
 Pennsylvania
 Reilly, Mary
 Wisconsin
 Rench, Robert B.
 District of Columbia
 Renshaw, Anne T.
 District of Columbia
 Renz, Millard F.
 Pennsylvania
 Rhame, Harold E.
 District of Columbia

- Rice, Rudolph J.
 Pennsylvania
 Richards, Helen
 District of Columbia
 Richmond, Dorothy
 Illinois
 Rippey, Charles W.
 Maryland
 Riwehun, Meyer H.
 New York
 Roat, Anna L.
 New York
 Robb, Seymour
 District of Columbia
 Robertson, Carrie E.
 Missouri
 Rogers, S. L., Jr.
 North Carolina
 Rommel, George F.
 District of Columbia
 Rorer, Julia H.
 Texas
 Rose, Leonard J.
 District of Columbia
 §Rosenfeld, Ruth
 District of Columbia
 Rosett, Olga
 Maryland
 Rosett, Walter
 Maryland
 Rose, Helen M.
 M. A., George Washington
 University
 Illinois
 Ross, Cecil L.
 M. A., George Washington
 University
 West Virginia
 Ross, Frances P.
 Virginia
 Rotzler, William M.
 Utah
 Roush, Allan D.
 Ohio
 Rubina, Anthony P.
 New York
 Rue, Harold P.
 Pennsylvania
 Russell, Paul R.
 District of Columbia
 Rutter, Emma L.
 Kentucky
 Ryan, James
 California
 Ryan, Mark J.
 New York
 Sabella, Ricardo H.
 Philippine Islands
 Samson, Alfredo
 Philippine Islands
 Sanborn, Norris H.
 District of Columbia
 Sancomb, Perley
 New York
 Sandler, Isadore
 District of Columbia
 §Sargent, Julia
 District of Columbia
 Sasman, Cora E.
 Wisconsin
 Sawyer, Vera C.
 New York
 Sawyer, Verdon A.
 New York
 Schaaf, Charles
 Rhode Island
 Schaaff, Mary A.
 District of Columbia
 Schafer, Frederick
 District of Columbia
 §Schlesinger, Irwin I.
 Iowa
 Schmidt, Harvey W.
 Texas
 Schoffstall, Charles W.
 Pennsylvania
 Schmucher, Jennie M.
 Ohio
 Schuster, Marjorie L.
 Virginia
 Scott, Walter C., Jr.
 District of Columbia
 Seaquist, Edgar O.
 Alabama
 Seckinger, Charles R.
 District of Columbia
 Slevey, William H.
 West Virginia
 Shanaphy, John L. A.
 New Jersey
 Shaw, Helen
 North Carolina
 Shaw, Howard K.
 New Jersey
 §Shea, E. C.
 South Dakota
 Sheads, Mary E.
 District of Columbia
 Sherman, Louise
 Virginia
 Shotwell, C. Lee
 Virginia
 Shoultes, Marvin A.
 Pennsylvania
 Shreve, Richard S.
 Virginia
 Shugrue, Fenwick
 District of Columbia
 Sillers, Frederick, Jr.
 District of Columbia
 Silva, Pablo M.
 Philippine Islands
 Simpson, Grace E.
 Massachusetts
 Simpson, Mary
 M. A., George Washington
 University
 Virginia
 Sitler, Jeanette
 District of Columbia
 §Sloan, Nathaniel C.
 District of Columbia
 Sloane, Mrs. Anna B.
 District of Columbia
 Sloane, Roy H.
 District of Columbia
 Smith, Ardis A.
 Iowa
 Smith, Audley L.
 Iowa
 Smith, Benjamin H.
 Indiana
 Smith, Earl
 Virginia

- Smith, Edward
 New York
 Smith, Edna
 Michigan
 Smith, Florence
 Virginia
 Smith, Marcus
 District of Columbia
 Smith, Stewart Hugh
 District of Columbia
 Smith, Zeula Z.
 California
 Smithwick, William U.
 Florida
 Smyth, Walter W.
 Connecticut
 Soars, F. Leota
 Pennsylvania
 Solbrig, Alfred W.
 Iowa
 Somers, Lee
 A. B., Harvard University
 Massachusetts
 Sonder, Laura
 Maryland
 Sonntag, Harcourt C.
 Virginia
 Spear, Albert A.
 District of Columbia
 Speer, Ray
 Kansas
 Sperry, Albert
 Florida
 Spielman, Paul
 District of Columbia
 Spoerri, J. Fuller
 Illinois
 Squire, Mrs. Minnie C.
 District of Columbia
 Stadley, Robert B.
 Texas
 Stambaugh, Anna May
 Virginia
 Stanton, A. J.
 Pennsylvania
 Starr, Arthur P.
 New York
 Steel, Annette
 Pennsylvania
 §Steever, Laura W.
 Maryland
 Stelle, Mary L.
 Delaware
 §Sterling, Norris
 Virginia
 Stevens, Amy J.
 North Carolina
 Stewart Mary
 Tennessee
 Stirlen, Eugene D.
 Iowa
 Stone, Carrie P.
 North Carolina
 §Stone, Darrus M.
 Missouri
 Stone, Everett M.
 Indiana
 Stout, Forrest D.
 Kansas
 Strickland, Josephine
 A. B., Judson College
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 Stringham, Emerson
 Iowa
 Strother, David H.
 West Virginia
 Sublette, Myrick H.
 Maryland
 Sullivan, Florence
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 Suguitan, Demetrio
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 Suraci, Frank
 District of Columbia
 Suraci, X. A. R.
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 Swangel, William H.
 B. S. in Chemistry, Pennsylvania
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 Symons, Arthur
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 Sze, Miss Wai-Ling
 China
 Tabor, Blanche
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 Tansil, Rebecca
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 Tarwater, Elmer L.
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 Tatum, Rosa C.
 North Carolina
 Taylor, Marcellette
 Wisconsin
 Taylor, Nellie Boyd
 District of Columbia
 Taylor, William T.
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 Temin, Morris
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 Thom, Ada H.
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 Thomas, Carroll T.
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 §Thomas, Francis J.
 Oregon
 Thomas, Laura K.
 Kansas
 Thomas, William R.
 District of Columbia
 Thompson, Clara M.
 Virginia
 Thompson, Edith M.
 New York
 Thompson, Myrtle M.
 Indiana
 Thornhill, Annie C.
 Virginia
 Thorwarth, Laura E.
 Minnesota
 Thurber, Mildred E.
 New York
 Tice, Howard M.
 Pennsylvania
 Tillinghast, Jesse L.
 New York
 Tipton, John J.
 Maryland
 §Todd, Martha R.
 Illinois

- Tolson, Clyde A.
 Iowa
 Tolson, Hillory A.
 Iowa
 Treadwell, Milton S.
 Pennsylvania
 Tron, Robert A.
 District of Columbia
 Truett, Ella Jane
 District of Columbia
 §Trundle, Mary E.
 District of Columbia
 Tsai, Shun-Li
 China
 §Tsatskis, Meyer
 Maryland
 Tschiffely, Elberta
 District of Columbia
 Tso, Wai-ling
 China
 Tucker, Oscar S.
 Pennsylvania
 Turner, Bolon B.
 Arkansas
 §Turner, Jetta
 Texas
 Turner, Joe W.
 Iowa
 Turner, Marie
 North Carolina
 Tutt, Mrs. Helen
 Texas
 Tyler, John Paul
 Virginia
 §Tyndall, Martha J.
 District of Columbia
 Underwood, M. Louise
 District of Columbia
 Van Natta, Paul C.
 Missouri
 Vickers, Rose
 District of Columbia
 Villanueva, Paterno C.
 Providence Hospital
 Vitale, Anthony F.
 Massachusetts
 Vliet, Andrew M.
 A. B., George Washington
 University
 Maryland
 Volstead, Laura
 Minnesota
 §Waddell, Sallie N.
 Georgia
 Wagner, H. Emory
 Maryland
 Wagonseiler, Earl A.
 Illinois
 Walker, Effie L.
 Mississippi
 Wallace, Ralph W.
 Oklahoma
 Walter, Gertrude E.
 A. B., George Washington
 University
 District of Columbia
 Wang, Voory Ung
 China
 Wange, Hans
 District of Columbia
 Ward, Mary F.
 Pennsylvania
 Warner, Wellman J.
 Colorado
 Watson, Elliott O.
 South Carolina
 A. B. and A. M., Woofford
 College, S. C.
 Waung, Ang-Chung
 China
 Weadon, Leafy
 Virginia
 Weaver, Frank M.
 LL. B., Georgetown University
 Mississippi
 Weber, Elsa A.
 New York
 Weckerly, Louise H.
 Maryland
 Weeks, Norman E.
 District of Columbia
 Weigandt, Harry N.
 South Dakota
 Weiss, George
 B. S. in Bus. Ad., Harvard
 University
 Minnesota
 Wendt, Robert H.
 Iowa
 Werner, Mrs. Marie D.
 Pennsylvania
 §Wetzel, Elsie A.
 Illinois
 Weyl, Celeste
 Illinois
 Whaland, Norman D.
 Massachusetts
 Whalen, Alice
 Virginia
 Wheatley, Mary E.
 A. B., George Washington
 University
 Virginia
 Wheeler, Hester
 Georgia
 White, Joseph L.
 Illinois
 White, Robert E.
 South Carolina
 Whitzell, Marget E.
 Virginia
 Wilder, William F.
 District of Columbia
 Wiles, William F.
 North Carolina
 Willfley, Katherine
 District of Columbia
 Wilks, Van B.
 Missouri
 Willard, Calar
 District of Columbia
 Williams, Carrie A.
 Missouri
 Williams, P. H.
 Pennsylvania
 Willis, Hugh E.
 District of Columbia
 Willis, Virginia J.
 Virginia
 Willner, Warren H.
 District of Columbia
 §Wills, George A.
 Tennessee

Wilson, Genevieve J.
Rhode Island
Winkler, Joseph H.
District of Columbia
Wiseheart, Malcolm B.
Illinois
Wolfe, John F.
District of Columbia
Wood, John Sumner
Massachusetts
§Woodard, Wickliffe, W.
Mississippi
Woodmansee, Arthur
Ohio
Woodward, Clarence
Michigan
Woolf, Donald O.
District of Columbia
Yagle, Irma E.
Alabama

Young, Mrs. Evelyn
South Dakota
Young, Grover C.
South Dakota
Young, Horace C.
Kentucky
Yuan, T. L.
China
Zantzinger, Otway B., Jr.
Maryland
Zearfoss, John E.
Pennsylvania
Zimmerman, John S. M., Jr.
District of Columbia
Zimmerman, William Ellis
Pennsylvania
Zirkle, Vernon B.
Virginia

SUMMARY

Graduate Students

| | | |
|-----------------------------------|-----|-----|
| Students in attendance..... | 60 | |
| Candidates for M. S. Degree..... | 59 | |
| Candidates for A. M. Degree..... | 148 | |
| Candidates for Ph. D. Degree..... | 55 | |
| Candidates for C. E. Degree..... | 1 | |
| — | | 323 |

UNDERGRADUATE STUDENTS

Columbian College

| | | |
|--|------|------|
| Candidates for A. B. Degree..... | 1143 | |
| Candidates for B. S. in Med. Degree..... | 32 | |
| Pre-Medical | 109 | |
| Special | 924 | |
| — | | 2208 |

College of Engineering

| | | |
|---|-----|-----|
| Candidates for B. S. in Arch. Degree..... | 42 | |
| Candidates for B. S. in Chemistry Degree..... | 40 | |
| Candidates for B. S. in Ch. E. Degree..... | 60 | |
| Candidates for B. S. in C. E. Degree..... | 108 | |
| Candidates for B. S. in M. E. Degree..... | 87 | |
| Candidates for B. S. in E. E. Degree..... | 85 | |
| Candidates for B. S. in Physics Degree..... | 8 | |
| Special | 115 | |
| — | | 545 |

Teachers College

| | | |
|---|-----|-----|
| Candidates for A. B. and Teacher's Diploma..... | 328 | |
| Special | 47 | |
| — | | 375 |

| | |
|---|------|
| Total, Department of Arts and Sciences..... | 3451 |
|---|------|

SUMMER SCHOOL 1921

| | |
|---------------------------------------|-----|
| Summer School, Arts and Sciences..... | 872 |
|---------------------------------------|-----|

MEDICAL SCHOOL

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

An asterisk (*) before a name indicates student not in attendance through year.

FIRST YEAR

| | | |
|---------------------------------|--------|----------------------------|
| Alcazar, Raul Ferdinand | Peru | 1536 16th Street |
| Anuario, Chas. Benedict | N. J. | 1439 Rhode Island Avenue |
| Borrone, Milton George | N. J. | 931 M Street |
| Bosworth, Robert Joseph, A. B. | D. C. | 523 5th Street, N. E. |
| Bowen, George Loveridge | Kans. | 1829 19th Street |
| Bradley, Henry George | Del. | 213 C Street, S. E. |
| Carofiglio, Louis Edward | N. Y. | 1626 Hobart Street |
| Chapman, Katherine Antoinette | Md. | Kensington, Md. |
| Cherniak, Sylvester | Pa. | 1405 L Street |
| Cockerille, Laurence Lee | D. C. | 3649 18th Street |
| Council, Esmond Ensley | N. C. | 1216 K Street |
| Crespo, Demetrio | P. R. | 1002 Massachusetts Avenue |
| Creswell, George William | Md. | 1758 N Street |
| Davila, Jose Estevan | P. R. | 1229 New York Avenue |
| Denison, Abraham Robert | D. C. | 1301 K Street |
| de Porras, Francisco Ruiz | P. R. | 1002 Massachusetts Avenue |
| Diatz, Phillip | D. C. | 2923 Georgia Avenue |
| Enslows, Ella Morgan Austin, | D. C. | Takoma Park |
| B. A., M. S. | | |
| *Eanet, Paul | D. C. | 352 Eye Street, S. E. |
| Estevez, Jaun | P. R. | 1229 New York Avenue |
| Evans, Leland Moroni | Utah | 1301 K Street |
| *Felitti, Vincent Justus | N. Y. | 1417 K Street |
| Friedenburg, Harry | D. C. | 917 6th Street, S. W. |
| Geier, Frederick Aloysius J. | D. C. | 2501 14th Street |
| Geisler, William Herman | Calif. | 1734 K Street |
| Grogin, James Isadore | N. Y. | 1200 N Street |
| Gurevich, Bernard J. | D. C. | 1101 O Street |
| Hand, Francis Marion | Ga. | 1732 N Street |
| Iadiano, Louis Jos. | N. J. | 931 M Street |
| Jansen, Russel John | Minn. | 1433 Rhode Island Avenue |
| Johnson, Don, L.L. D. | Utah | 1829 19th Street |
| King, William Binford, A. B. | Va. | Route 2, Alexandria |
| Larrain, Abel Roriquiez | Peru | Peruvian Embassy |
| Lattman, Isidore, Ph. G., A. B. | N. Y. | 1462 Chapin Street |
| Lavner, Solomon Joseph | N. Y. | 753 Fairmont Street |
| Law, Lewis Abner | Va. | 1819 K Street |
| Leaman, Paul Miller | W. Va. | Y. M. C. A. |
| Lopez, Victor Antongiorgi | N. Y. | 1338 Shepherd Street |
| Love, James Wilbert | D. C. | 1330 Vermont Avenue |
| Marra, Rocco Salvatore | N. J. | 1426 M Street |
| Maxwell, John Edwin | D. C. | 1730 Willard Street |
| McNitt, Harry Arnold Hull | Md. | Berwyn, Md. |
| McNitt, Henry John Russel | Md. | Berwyn, Md. |
| Morgan, Edwin King, A. B. | D. C. | 1205 15th Street |
| Nathanson, Esther Alsylvia | Va. | 1787 Lanier Place |
| Nicholson, Margaret Mary | Va. | 1000 Maryland Avenue, |
| | | N. E. |
| Nimetz, Aaron | D. C. | 1544 9th Street |
| Notes, Bernard | P. R. | 2925 Ordway Street |
| Passalacqua, Luis Anthony | D. C. | 1229 New York Avenue |
| Pavlinac, Joseph Henry, B. S. | D. C. | 1400 K Street |
| Peake, Isidore Albert | D. C. | 1200 N Street |
| Philips, Bernhardt | D. C. | 1128 7th Street |
| Philips, Joseph Julius | D. C. | 1128 7th Street |
| Porton, Stanley Paul | D. C. | 1838 11th Street |
| Potter, Harold Walter | D. C. | 1223 Euclid Street |
| Protas, Maurice, A. B. | D. C. | 1353 Shepherd Street |
| Pulman, Peter Boothe | Va. | R. F. D. No. 4, Alexandria |
| Quayle, Edgar Elias | D. C. | Olympia Apartments |
| Ray, Hartzell Harrison | Ohio | 1122 13th Street |
| Rhame, Harold Elias | Kans. | 1236 11th Street |

| | | |
|------------------------------------|-------|-------------------------------|
| Robinson, John Harrison | Okla. | 1430 N Street |
| Rubino, Anthony Peter | D. C. | 1360 Colorado Road |
| Schafer, William Lewis, Jr. | Va. | 427 Wilkes Street, Alexandria |
| Schilling, Anthony B. | N. J. | 410 H Street |
| Stallard, Clint Wolfe | Va. | 518 H Street |
| Stretch, Clarence Loughlin | Conn. | 1200 N Street |
| Symmonds, Katharine Godfrey, A. B. | Ind. | 1326 Columbia Road |
| Thomas, William Raymond | D. C. | 2905 14th Street |
| Trelles, Laurino | P. R. | 1002 Massachusetts Avenue |
| Weinschelbaum, Samuel | N. Y. | 507 N Street |

SECOND YEAR

| | | |
|---|-------|---------------------------------|
| Ballinger, William McCormick, A. B. | Colo. | 1489 Newton Street |
| Batchelor, John Justice | D. C. | 1139 12th Street |
| *Blum, Henry Harvey | N. Y. | 613 Q Street |
| Brilmyer, George Joseph, B. S., M. S. | D. C. | 45 Q Street, N. E. |
| Butler, Homer Kirk, Phar. D. | D. C. | 1611 Riggs Place |
| Chiascione, Rocco Michael, B. S. | N. Y. | 1124 10th Street |
| Chilson, Howard Carlos, A. B., A. M. | D. C. | Takoma Park, D. C. |
| Cohen, Roger Stahel, Litt. B. | D. C. | 1868 Columbia Road |
| Colon, Ramon Tomas | P. R. | 928 M Street |
| Deep, Anthony Abraham | D. C. | 1214 14th Street, Apt. 33 |
| Duffey, Hugh Clarence, Jr. | D. C. | 929 O Street |
| French, Leslie Howson | Pa. | 1320 Belmont Street |
| Gelfand, Harry Harold | N. Y. | 3420 Warder Street |
| Giovino, Joseph Bivona, A. B. | N. Y. | 1426 M Street |
| Harding, James Sylvester | Pa. | 1120 13th Street |
| Haynes, William Preston, A. B. | Ky. | 1909 Kenyon Street |
| Hewitt, Richard Miner, A. B., A. M. | Conn. | 4832 16th Street |
| Hoffman, Herman S., A. B. | Md. | Brentwood, Md. |
| Johnson, William Joseph, A. B. | Mass. | 232 First Street, S. E. |
| Karshmer, Nathan | N. J. | 632 Q Street |
| McChesney, Frank Marks | D. C. | 129 Randolph Place |
| Maffey, Anthony Aloysius | N. J. | 1234 8th Street |
| Malone, Lillian, A. B. | D. C. | 201 Florence Court |
| Maul, Sarah Elizabeth, A. B. | D. C. | 1331 K Street |
| Medes, Earl Eugene | N. Y. | 2009 N Street |
| Meyer, Theodore Roosevelt | N. Y. | 1528 9th Street |
| Mulligan, Charles Steven | N. Y. | 1110 M Street |
| Navarro, Vincente Aquirre, A. B. | P. I. | 2225 New York Avenue |
| Oliveras, Artajerjas | P. R. | 4512 Georgia Avenue |
| Ottenberg, Gilbert | D. C. | 1248 7th Street |
| Perkins, Hanson Travers, B. S. | Md. | Springfield, Md. |
| Plotnick, Barney | Va. | 1540 7th Street |
| Rachlis, Burech | Pa. | 222 Eye Street |
| Rambo, Golden Samuel | D. C. | 813 Carroll Avenue, Takoma Park |
| Rees, Thomas Richard, A. B. | Utah | Rutlands Court |
| Rosenblatt, Louis | N. Y. | 210 Rhode Island Avenue |
| Rouse, Noah | N. C. | 1311 1/2 M Street |
| Rubinstein, Max Rudolph | N. J. | 1444 Oak Street |
| Russell, John Paul | D. C. | 817 6th Street |
| Sapienza, Frank | N. Y. | 1124 10th Street |
| Sawyer, Edmund Ellis, B. S. | N. J. | 2009 N Street |
| Schwetsky, Samuel Harold | N. Y. | 3927 13th Street |
| Searl, Howard A., A. B. | Ohio | 1733 N Street |
| Shannon, William Arthur | D. C. | 1528 9th Street |
| Solnitzky, Othmar, A. B., A. M., Ph. D. | D. C. | 1110 M Street |
| Stein, Joseph | N. Y. | 1133 8th Street |
| Swartwout, Edith Lillian | D. C. | 12 Iowa Circle |
| Zitani, Alfred Marius | N. J. | 1124 10th Street |

THIRD YEAR

| | | |
|--------------------------------|-------|---------------------------|
| Brown, Radford | D. C. | The Ashley |
| Chan, Pak Chue | China | 330 C Street |
| Dean, Benjamin Franklin, Jr. | D. C. | 916 Massachusetts Avenue |
| Earnest, John Paul, Jr., A. B. | D. C. | 2123 N Street |
| Gates, Herbert Stelwyn | D. C. | 808 North Carolina Avenue |
| Haddock, Douglass Arno, A. B. | Maine | 1106 New York Avenue |

| | | |
|------------------------------------|-------|------------------------------|
| Harnesberger, Chas. Whitfield | Va. | R. F. D. No. 1, Rosslyn, Va. |
| Horwitz, Alec, A. B. | D. C. | 916 4½ Street, S. W. |
| Kain, Helen Gladys, B. S. in Chem. | D. C. | 129 E Street |
| Melendez, Juan | P. R. | 1205 10th Street |
| Moody, Terrell, A. B. | Ga. | 115 B Street, N E. |
| Poster, Russell Herbert | Pa. | 906 M Street |
| Rechman, Benjamin | D. C. | 210 Rhode Island Avenue |
| Stuart, Majorie Shaw, A. B. | D. C. | 1315 12th Street |
| Wanlass, Stanley Adrian, A. B. | Utah | 624 H Street |
| Warrick, Luby Albert, A. B. | N. C. | 624 H Street |
| Woodbury, Clare Watson, A. B. | Utah | 624 H Street |

FOURTH YEAR

| | | |
|---------------------------------|--------|----------------------------------|
| Bradley, Grover Orlando | Utah | 1339 H Street |
| Brooke, Deane Francis | N. D. | 7 H Street |
| Cole, Hazen Eugene | D. C. | 639 East Capitol Street |
| Cudney, Ethan Bnage | Mich. | Ventosa Apartments |
| Davis, Joshua William | Pa. | 2032 F Street |
| Demopoulos, Christos John | Greece | 804 K Street |
| Gaines, John Marshall, Phar. D. | Va. | 114 N. Alfred Street, Alexandria |
| Goldfain, Samuel | Colo. | 1115 5th Street |
| Jones, Robert Varnum | Pa. | 1339 H Street |
| Nordlinger, George, A. B. | D. C. | 3113 N Street |
| Peterson, Norman Vern, B. S. | Utah | 300 East Capitol Street |
| Reed, John Alton | D. C. | 629 Princeton Street |
| Sager, William Warren, A. B. | D. C. | 2823 14th Street |
| Schultz, Charles H. | Pa. | 1322 Vermont Avenue |
| Sesta, Joseph, Ph. C., Ph. G. | N. J. | Y. M. C. A. |
| Taylor, Robert Mitchell, A. B. | D. C. | 607 North Carolina Avenue, S. E. |

REGISTRATION OF STUDENTS IN THE SCHOOL OF PHARMACY, SESSION OF 1921-22

| <i>Address</i> | <i>Legal Residence</i> | <i>Name</i> |
|--|----------------------------------|-------------|
| Alvarez, M. Manuel.... Bayamo, Cuba..... | 2630 16th St. N. W., D. C. | |
| Berkman, Abraham.... Russia | 816 B St. S. W., D. C. | |
| Briggs, W. Paul..... Washington, D. C.... | 237 9th St. N. E., D. C. | |
| Brown, Elmer G..... New York..... | Mt. Ranier, Md. | |
| Corwin, H. LaFay..... Washington, D. C.... | 766 Rock Creek Church Rd., D. C. | |
| Dunn, Leo Edward.... Boston, Mass..... | U. S. Naval Hospital, D. C. | |
| Dyer, Charles F..... Washington, D. C.... | 116 V St. N. W., D. C. | |
| Freeman, Julian D.... Washington, D. C.... | 2328 Ga. Ave. N. W., D. C. | |
| Gellman, Harry..... Russia | 472 E. St. S. W., D. C. | |
| Ghani, Fuad Abdul.... Egypt | 1738 F St. N. W., D. C. | |
| Gagnes, Joseph..... Massachusetts | 803 I St. N. W., D. C. | |
| Heller, William L.... Virginia | 407 2nd St. N. W., D. C. | |
| Hixson, Clayton H.... Washington, D. C.... | 624 Irving St. N. W., D. C. | |
| Kinner, Harold C..... New York..... | Mt. Ranier, Md. | |
| Mora, Javier E..... Holguin, Cuba | 1227 Girard St. N. W., D. C. | |
| Machenberg, Julius... New York..... | Washington, D. C. | |
| McMurray, J. Arthur.. Texas | 1322 Mass. Ave. N. W., D. C. | |
| Norris, Betty Elena... Virginia | 1117 Prince St., Alexandria, Va. | |
| Oshinsky, Charles.... Poland | 636 D St. S. E., D. C. | |
| Ruby, Charles Phipps.. Pennsylvania | 1600 R. I. Ave. N. W., D. C. | |
| Shiner, Hubert H..... Virginia..... | 1227 11th St. N. W., D. C. | |
| Schnider, Abe..... Russia | 633 Quebec St. N. W., D. C. | |
| Schultz, Frederick C... Washington, D. C.... | 1518 8th St. N. W., D. C. | |
| Warfield, E. Ashby.... Virginia | 501 King St., Alexandria, Va. | |
| Walsh, Francis M..... New York..... | 2131 Penna. Ave. N. W., D. C. | |

STUDENTS REGISTERED IN THE LAW SCHOOL

1921-1922

Names of students who have withdrawn or graduated are indicated by stars; those who have entered since January 30, 1922, by daggers.

Students who are college graduates are indicated by the degree, year in which it was received, and name of college conferring it.

Students who have had only part of a college course are indicated by the names of the colleges attended.

CANDIDATES FOR DEGREE OF BACHELOR OF LAWS

First Year Class

| Name | Legal Residence | Address |
|--|--------------------|------------------------------------|
| Abel, Damon Chandler Washington School of Accountancy | Va. | 1017 16th Street, N. W. |
| Acheson, Walter Scott University of Utah | Utah | 34 8th Street, N. E. |
| Adams, Raymond Fletcher B. S., 1921, Pennsylvania State College | Pa. | 808 Taylor St., N. W. |
| Aein, Morris Morton George Washington University | D. C. | 201 C Street, S. W. |
| Aguinaldo, Pio Ibalio State University of Iowa | P. I. | 1747 E Street, N. W. |
| Allen, Bunce | D. C. | 1839 R Street, N. W. |
| Allen, Herbert Osburn University of Virginia | Va. | Newington, Va. |
| *Alseen, Myrtle Frances Carolyn George Washington University | Minn. | 1465 Meridian Place, N. W. |
| †Ames, Norman Bruce B. S. in E. E., Mississippi Agricultural College; B. S. in E. E., George Washington University; S. B. in E. E., Massachusetts Institute of Technology; S. B. in E. E., Harvard University | D. C. | 1409 21st Street, N. W. |
| *Ancker, William Mason Virginia Military Institute | Md. | 1715 G Street, N. W. |
| *Anderson, Lionel Glenn | D. C. | 1603 Massachusetts Avenue, N. W. |
| Angevine, Eugene Ph. C., 1917, University of Montana | Mont. | 1312 N Street, N. W. |
| *Arnold, John Knox Central University of Kentucky | Ky. | 2120 O Street, N. W. |
| Washington and Lee University | | |
| Baker, Floyd Jennings Washington and Lee University | D. C. | 3921 McKinley Street, Chevy Chase. |
| *Baker, John Thaddeus | Okla. | 1246 11th Street, N. W. |
| Baker, Mary Louise | Mo. | 109 Fontanet Courts. |
| †Barnes, Paul Alfred | Mass. | Cavanaugh Courts, Apt. 203. |
| *Barton, Jesse Moore | Ohio | 3003 O Street, N. W. |
| *Bassler, William Sidney George Washington University | D. C. | 145 11th Street, N. E. |
| †Batson, Royal Alonzo Iowa State College | S. D. | 3401 16th Street, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|---|
| Bays, William Webb A. B., 1904, Washington and Lee University | D. C. | 3228 Hiatt Place, N. W. |
| Becker, Wade Montague George Washington University | Pa. | 1120 13th Street, N. W. |
| Belden, Stanley Raymond University of Wisconsin | Wis. | 1913 G Street, N. W. |
| Benson, Russell Bernard George Washington University | Md. | 2640 Garfield Street, N. W. |
| Berg, Jack Kesterson | Nebr. | 1500 Emerson Street, N. W. |
| Berg, Zona | Nebr. | 1500 Emerson Street, N. W. |
| Berger, Edwin Anson George Washington University | Pa. | 1428 R Street, N. W. |
| †Berkman, Abraham George Washington University | D. C. | 816 B Street, S. W. |
| Bernsten, Sarah Edith Bettelheim, Edwin Sumner, Jr. Columbia University School of Mines | D. C. N. Y. | 1204 Irving Street, N. W. University Club. |
| Bibb, John Jay University of Virginia College of William and Mary | Va. | 1743 F Street, N. W. |
| Bigelow, May Thorpe A. B., 1919, Vassar College | D. C. | The Farnsboro Apts. |
| Blake, Ida Vincent Ohio University Adrian College, Michigan | Ohio | Government Hotel, P. Q. |
| Blakely, Charles Francis B. S. in C. E., 1920, George Washington University | Nebr. | Y. M. C. A. |
| Boardman, May Evelyn Boothe, Gardner Lloyd University of Virginia | N. J. Va. | P-Q Building, Room 139. 406 N. Washington Street, Alexandria, Va. |
| †Borden, Granville Spaulding Lehigh University; University of California | Pa. | 1307 Clifton Street, N. W. |
| Boscarell, John Jesse | N. J. | 1600 Rhode Island Avenue, N. W. |
| Boswell, Fred Thomas William | Ill. | 1432 M Street, N. W. |
| Bottum, Roswell Yankton College | S. D. | 1523 Vermont Avenue, N. W. |
| Boyd, Angie Antoinette | Ga. | 3708 Oliver Street, Chevy Chase, D. C. |
| †Boyden, Roger Talbot B. S. in C. E., 1921, George Washington University | Mass. | 206 Southbrook Courts. |
| †Bradford, John Leo A. B., 1916, Park College | D. C. | 1901 D Street, N. W. |
| *Bradley, Guy Francis | Iowa | 3320 16th Street, N. W. |
| *Brill, Charles Donnelly | D. C. | 1822 New Hampshire Avenue, N. W. |
| Britt, Delton Leslie | S. C. | 2511 14th Street, N. W. |
| †Bross, Charles Milborne | Mich. | 1314 N Street, N. W. |
| Brown, Agnes Marjorie Iowa State College | Iowa | Government Hotel, G-H Build- ing. |
| *Brown, Earl University of Illinois; George Washington University | Ill. | 1916 F Street, N. W. |
| Brown, Mae Robertson | N. J. | 613 Princeton Place, N. W. |
| Brown, Merwin Humphrey | D. C. | 150 S Street, N. E. |
| Bucia, Simplicio Gementiza | P. I. | 1747 E Street, N. W. |
| Burns, Jacob Catholic University of America | D. C. | 1519 Allison Street, N. W. |
| Burriss, William Floyd | Md. | 1715 22d Street, N. W. |
| Burrus, John Wesley George Washington University | N. C. | 1748 Que Street, N. W. |
| †Bustin, Emeline Foster St. Mary's College, Dallas, Texas | Calif. | 3485 Halmrod Place, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|--|
| †Butler, Florence University of Colorado | D. C. | Ontario Apts. |
| Byer, Leslie Conwell B. S. in E. E., 1920, Wor- cester Polytechnic Institute | Mass. | 1405 G Street, N. W. |
| Camp, Carver Ingham | Pa. | 1807 Clifton Street, N. W. |
| Carle, Herbert McComas George Washington University | Ohio | 2800 18th Street, N. W., Apt. 22. |
| Carlson, Arthur Willard | Minn. | Room 390, House Office Bldg. |
| †Carson, Ray Gentry Lincoln Memorial University; University of North Caro- lina | N. C. | |
| Carter, William Golden | D. C. | 928 Louisiana Avenue, N. W. |
| *Casey, Frank William B. S., Ph. C., 1916, University of Michigan | Mich. | 1784 K Street, N. W. |
| *Chandler, Collis Paul University of Kansas | Okla. | Wardman Park Hotel. |
| †Childs, Ralph Saville | D. C. | 121 12th Street, S. E. |
| *Clark, Frank Moon | D. C. | 2016 P Street, N. W. |
| Churbuck, Lewis Marshall | Mass. | 1026 Vermont Avenue, N. W. |
| Churchhill, Virginia H. | Mo. | Govt. Hotel, N-O Bldg. |
| *Clements, Dorothy Blanchard Cornell University | N. Y. | 1414 16th Street, N. W. |
| Clephane, Beatrice Adaline A. B., 1920, Wellesley College | Md. | Chevy Chase, Md. |
| †Cohen, Carl Manuel Massachusetts Institute of Technology | D. C. | 3225 18th Street, N. W. |
| Colburn, Joseph Bradley | D. C. | 1750 Massachusetts Avenue, N. W. |
| †*Cole, Everett | D. C. | 1814 Longfellow Street, N. W. |
| †Conlyn, Margaret | D. C. | 2236 35th Street, N. W. |
| *Conner, Lendell Allen | Md. | 6317 Maple Avenue, Chevy Chase, Md. |
| Cook, Benjamin Edwards University of North Carolina | Okla. | 281 House Office Building. |
| *Cook, Hardy Rhodes | D. C. | Apt. 10, 707 20th Street, N. W. |
| Corey, George Holton George Washington University | Pa. | 1511 Lamont Street, N. W. |
| *Couch, Helen Virginia | W. Va. | 1930 New Hampshire Avenue, N. W. |
| Cowley, Matthew University of Utah | Utah | Colonial Hotel. |
| Cox, Frederick Hunter University of Virginia | D. C. | Apt. 204, 3800 14th Street, N. W. |
| †Cross, Elam Carl Marshall College | D. C. | 1211 Eye Street, N. W. |
| Cross, Frederick Sylvester Massachusetts Institute of Technology; George Wash- ington University | W. Va. | 1100 Vermont Avenue, N. W. |
| *Daly, Thomas Joseph | D. C. | 1409 Hopkins Street, N. W. |
| Davis, Marshall Dean Mercer University; George Washington University | Ga. | 1812 M Street, N. W. |
| *Davis, William James D. D. S., 1911, Georgetown University | D. C. | 1404 H Street, N. W. |
| Dawson, Alan Bennett | D. C. | 756 18th Street, S. W. |
| Des Marais, George Fenelon S. D. in M. E., 1920, Massa- chusetts Institute of Tech- nology; Norwich University | Mass. | 729 20th Street, N. W. |
| Deveney, Norman Alfred | D. C. | 933 H Street, N. W. |
| Dice, John Oliver | Ill. | 1219 Jackson Street, N. E. |
| Dierkoph, Henry Knefley | D. C. | 3815 14th Street, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|---|
| †Divine, John Parker George Washington University | Va. | 216 13th Street, N. W. |
| Dodd, Esther Elizabeth | N. Y. | 1338 Oak Street, N. W. |
| Donahue, Dorothy A. B., 1919, George Washing- ton University | Vt. | Apt. 606, The Sherman. |
| *Donohoe, Margaret Angelica | Mass. | 1224 13th Street, N. W. |
| Douthitt, Laidley Ellis Centre College, Columbia Uni- versity | Ky. | 1815 F Street, N. W. |
| Dowell, Arthur Edward, Jr. B. S. in E. E., Massachusetts Institute of Technology | D. C. | 3026 Newark Street, Cleveland Park, D. C. |
| *Downey, Marjorie Marble A. B., Wellesley College | Md. | 6711 Brookville Road, Chevy Chase, Md. |
| Duckwall, Katherine | D. C. | 1425 Webster Street, N. W. |
| Duggan, James Henry University of Georgia; George Washington University | Ga. | 1300 Massachusetts Avenue, N. W. |
| *Duggan, Sam McArthur University of Georgia | Ga. | 1300 Massachusetts Avenue, N. W. |
| Duncan, Ethelbert James | D. C. | 326 Massachusetts Avenue, N. E. |
| Dymond, Arleta Romaine A. B., 1919, Pennsylvania State College | Pa. | Care Department of Public Speaking, University of Maryland. |
| Eccles, Parley Price George Washington University | Utah | 215 Senate Office Bldg. |
| Eckenroth, Edwin Ruth State College of Pennsylvania; National University | Pa. | 908 8th Street, N. W. |
| Edmonds, Henry Gordon Maryland University | D. C. | 1026 Newton Street, N. E. |
| Eisinger, Rudolph John George Washington University | D. C. | 645 Park Road, N. W. |
| †Emrick, Leon Hale B. S. in E. E., 1918, Purdue University | Ohio | Patent Office. |
| †Evans, Maxwell Skinner B. S. in M. E., 1921, Purdue University | Ind. | 3512 Newark Street, N. W. |
| †Falk, Walter Albert State University of Iowa | Fla. | 60 M Street, N. W. |
| Finley, Mark Florus, Jr. A. B., 1912, University of Michigan | Mich. | 3815 Ingomar Street, N. W. |
| Fisher, Howard Cochran B. S. in Econ., 1918, Univer- sity of Pennsylvania | D. C. | U. S. Tariff Commission |
| †Flood, Richard Jerome, Jr. George Washington Univer- sity | D. C. | 1225 Newton Street, N. E. |
| Foster, Benjamin Smith George Washington University | Ark. | 1829 19th Street, N. W. |
| Fraker, May George Washington University | Tenn. | 1345 L Street, N. W. |
| Frank, Jerome William B. S., 1916, University of Pittsburgh | Pa. | 1410 Harvard Street, N. W. |
| Frank, Meyer University of Michigan | Mich. | 419 House Office Bldg. |
| Fraser, Charles Nye, Jr. | Md. | Forest Glen, Md. |
| Friedlander, Alvin Herman University of Virginia | Va. | Alexandria, Va. |
| Friedman, Harry | Md. | 1942 14th Street, N. W. |
| Friedman, Wolfe Leon | Ga. | 1133 8th Street, N. W. |
| *Friedrich, Charles New York University | N. Y. | 420 Wolfe Street, Alexandria, Va. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---------------------------------|----------------------------|-------------------------------|
| Funkhouser, Charles Monroe | N. J. | 1829 19th Street, N. W. |
| George Washington University | | |
| Furniss, Robert Melnotte | D. C. | Box 113, Brentwood, Md. |
| Gapuz, Bernardo Barnachea | Oreg. | 1747 E Street, N. W. |
| Willamette University; George | | |
| Washington University | | |
| *Gardner, Carl | Tenn. | Marine Barracks. |
| A. B., 1921, University of Ten- | | |
| nessee | | |
| *Gatchell, Willard Waddington | D. C. | 3209 19th Street, N. W. |
| George Washington University | | |
| †Gillespie, Rees Alexander | Mo. | 1501 16th Street, N. W. |
| University of Maryland; | | |
| George Washington Univer- | | |
| sity | | |
| Glass, David Rose | Calif. | 428½ M Street, N. W. |
| Gleeson, Joseph Michael | Mass. | No. 2, Iowa Circle, N. W. |
| Georgetown University | | |
| Gleichman, Walter Charles | Ind. | 2033 F Street, N. W. |
| George Washington University | | |
| *Goodall, Anna Marie | D. C. | 1824 Ingleside Terrace, N. W. |
| Gott, Eugene Cissel, Jr. | D. C. | 2012 R Street, N. W. |
| Electro-Metallurgist, 1921, | | |
| Lehigh University | | |
| Graves, Fred Oliver | N. Y. | 1408 Emerson Street, N. W. |
| *Gray, Joseph Francis | Ga. | The Sherman, 15th and L |
| A. B., Belmont Abbey College | | Streets, N. W. |
| †Grimes, George Hammond | Ala. | 530 House Office Bldg. |
| Grossman, Herbert Robert | Ky. | 1311 N Street, N. W. |
| George Washington University | | |
| Hamilton, Bonifant | D. C. | 3135 24th Street, N. E. |
| B. S. in Chem., 1918, M. S., | | |
| 1920, George Washington Uni- | | |
| versity | | |
| Hamilton, William Greene | Ark. | 1758 N Street, N. W. |
| A. B., 1921, University of | | |
| Arkansas | | |
| †Hamlin, Lillian | D. C. | R-S Bldg., Government Hotels. |
| John B. Stetson University | | |
| Hankin, Charlotte Anna | Md. | 912 Carroll Avenue, Takoma |
| A. B., 1920, Radcliffe College | | Park, Md. |
| Hanson, Elisha | Ill. | Bethesda, Md. |
| Cornell University | | |
| Harden, Michael Gregor | D. C. | 1600 Rhode Island Avenue, |
| Polytechnic Institute in Riga; | | N. W. |
| Georgetown University | | |
| Harding, Raymond Barton | Va. | 625 G Street, S. W. |
| B. S. in E. E., 1920, George | | |
| Washington University | | |
| †Harper, Edwin Vincent | Tenn. | Washington Asylum Hospital. |
| Harrington, James Philip | N. Y. | 1332 Eye Street, N. W. |
| St. Michael's College (Toronto, | | |
| Ont.) | | |
| Harris, Morgan Clayton | Md. | Freres Club, 1784 K Street, |
| | | N. W. |
| Hart, Willard Lanning | Ohio | 1319 Irving Street, N. W. |
| B. S., 1919, Clemson Agricul- | | |
| tural College | | |
| Hartshorn, David Elmer | Conn. | 1432 M Street, N. W. |
| B. S. in C. E., 1917, Worcester | | |
| Polytechnic Institute | | |
| *Hatch, Josie Allen | D. C. | 324 E-F Bldg., Government |
| A. B., 1917, University of | | Hotels. |
| Texas | | |
| †Haupt, William Levengood | D. C. | Apt. No. 7, 210 18th Street, |
| A. B., 1911, University of | | S. W. |
| Pennsylvania | | |
| †Haycraft, Charles Isaac | Minn. | 16 Randolph Place, N. W. |
| George Washington University | | |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|--|
| †Hays, Dallas Burford George Washington University | Mo. | 398 House Office Bldg. |
| *Heber, Raymond John University of West Virginia | W. Va. | 3357 18th Street, N. W. |
| Heilbrun, Ruth Adele George Washington University | D. C. | 531 Woodward Bldg. |
| Hernandez, Francisco Jose | P. R. | 2307 18th Street, N. W. |
| Herschman, Harry Kurtz B. S. in C. E., 1921, University of Michigan | D. C. | 2101 N Street, N. W. |
| Heth, Eva Virginia A. B., 1892, A. M., 1893, Uni- versity of Virginia; George Washington University | D. C. | 1833 S Street, N. W. |
| *Hickey, David Rowe University of Iowa | Iowa | 1405 Girard Street, Apt. 24. |
| Hicks, George Dewey University of Alabama | Ala. | 2111 Bancroft Place, N. W. |
| *Hill, Guy B. S., 1906, Massachusetts In- stitute of Technology | D. C. | 1734 Eye Street, N. W. |
| †Hitt, William Birch Hoffman, Dale Elizabeth State Teachers' College, Mis- souri | D. C. Mo. | 1842 California Street, N. W. 1819 G Street, N. W., Apt. 810. |
| Holbrook, Jane May | Minn. | 1441 Girard Street, N. W. |
| *Holt, Ralph Manning Trinity College; George Wash- ington University | N. C. | 1733 N Street, N. W. |
| Hoover, Arthur Reeve Ph. B., 1921, Yale University | D. C. | The Highlands. |
| *Hughes, Miller Centre College | Ky. | 1440 M Street, N. W. |
| Hughes, Oliver Wendell Holmes Berea College; Bethany Col- lege | Ohio | Chancery Inn. |
| Hunt, Frank N. | Okla. | 2162 Florida Avenue, N. W. |
| Hyland, Veronica Theresa | N. Y. | 810 20th Street, N. W. |
| Isaacs, Amanda Ruth McLean College | Tenn. | 248 Senate Office Bldg. |
| Jacobsen, Arnold Windom Grad. U. S. Naval Academy | Va. | 414 Rutland Courts. |
| Janes, Dorothy Eloise | N. Y. | 814 Connecticut Avenue, N. W. |
| Jawish, Henry King | D. C. | 3605 M Street, N. W. |
| Johnson, Perry Marshall George Washington University | Va. | Braddock Heights, Alexandria, Va. |
| *Kaminsky, Abe | D. C. | 3111 Warden Street, N. W. |
| *Kasten, Marie Antoinette A. B., 1908, A. M., 1911, Uni- versity of Wisconsin | Wis. | 1727 K Street, N. W. |
| Kauffman, Harvey Earl A. B., 1920, A. M., 1921, George Washington University | Pa. | 1139 New Hampshire Avenue, N. W. |
| Kaylor, Dana Edison | W. Va. | Glen Echo, Md. |
| *Keller, Percy Hyatt Virginia Polytechnic Institute | D. C. | 1514 K Street, N. W. |
| Kem, Clio LaVerne University of Dubuque | Iowa | 712 20th Street, N. W. |
| Kemman, Hugo August University of Iowa | Iowa | 1600 Rhode Island Avenue, N. W. |
| †Kenonski, Alphonse Frank Charles Pennsylvania State College | Pa. | 1316 Columbia Road, N. W. |
| Kephart, William Bayly | Wyo. | 1718 Corcoran Street, N. W., Apt. No. 9. |
| Kiner, Frank Stanley | Pa. | 3617 Hall Place, N. W. |
| King, Adam Stockton | D. C. | 1476 Monroe Street, N. W. |

FIRST YEAR CLASS

301

| Name | Legal Residence | Address |
|---|-----------------|---|
| Kneip, George Dewey B. S. in Bus. Admin., 1920, Ohio State University | Ohio | 1723 East Capitol Street, Apt. No. 25. |
| Knock, Barrett | D. C. | 3423 14th Street, N. W. |
| †Koster, George Henry | D. C. | 1006 E Street, S. W. |
| Kramer, George Georgetown University | D. C. | 1789 Lanier Place, Apt. No. 43. |
| *Krey, Charles Edward B. S., 1919, Cornell University | D. C. | 917 6th Street, N. W. |
| *Krider, Ira Frank George Washington University | Kans. | 1355 Monroe Street, N. W. |
| Krucoff, Barney | D. C. | 3111 11th Street, N. W. |
| Lambie, Margaret A. B., 1907, Vassar College | N. Y. | The Chastleton, 16th and R Streets. |
| Langston, James Argile | Okla. | Y. M. C. A. |
| *Langston, Raymond Parks | Okla. | 1736 G Street, N. W. |
| Laughlin, Alton Enos George Washington University | Wyo. | 1358 Harvard Street, N. W. |
| †Laux, David Nicholas Oklahoma Catholic University; Oklahoma State University | Okla. | 2914 11th Street, N. W., Apt. 6. |
| †Laux, Lloyd Fox George Washington Univer- sity; Oklahoma State Uni- versity | Pa. | 3404 Prospect Avenue. |
| *Lawrence, Henry Franklin, Jr. B. S., 1920, Missouri Wesleyan College | Mo. | Apt. 111, E. Clifton Terrace. |
| Ledendecker, Della Dullnig | Tex. | 1514 K Street, N. W. |
| *Lesser, Theodore Jonas | D. C. | 1411 Hamilton Street, N. W. |
| *Lewis, Elmer Adolph | Wis. | House Document Room. |
| Lewis, Henry Campbell | D. C. | Calverton Apt., Columbia Road. |
| *Liscomb, John Ingraham Colby College; Boston Uni- versity | Me. | 128 B Street, N. E. |
| †Little, Donald George Washington Univer- sity; University of Kansas | Kans. | George Washington Inn. |
| Littlehales, James Hill University of Pennsylvania; George Washington Univer- sity | D. C. | 3138 Highland Place, Cleveland Park, D. C. |
| Litzelman, John Henry | Pa. | 1354 Monroe Street, N. W. |
| Lohnes, Horace Luther Ohio State University | Ohio | 806 H Street, N. W. |
| Long, Clark Russell Ursinus College | Pa. | 704 Randolph Street, N. W. |
| Louis, Max Colman George Washington University | D. C. | 47 Quincy Place, N. E. |
| Lovering, George Varnum George Washington University | Mass. | Interstate Commerce Commis- sion. |
| Lovett, Elliot Callender A. B., 1921, Harvard Univer- sity | Ill. | Department of Justice. |
| Lutz, Karl Barr A. B., 1920, Bethany College | W. Va. | 1808 Ontario Place. |
| Lyman, Charles Adelbert A. B., 1904, University of Wis- consin | D. C. | 1731 Eye Street. |
| Lyon, Kenneth Ernest | Utah | 228 East Capitol Street. |
| Mack, Powell Stauffer B. S. in E. E., 1917, Lehigh University | N. Y. | 1405 G Street, N. W. |
| Mackall, Francis Sorrel A. B., 1920, University of Georgia | Ga. | 1333 15th Street, N. W. |
| Macomber, Lumen Howard University of Chicago | D. C. | 1624 Lamont Street, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|--|
| Maddox, Luther Robinson B. S., 1907, Virginia Polytechnic Institute | Tenn. | 1833 M Street, N. W. |
| Mague, Roscoe Edwin George Washington University | Mass. | Apt. 314, Cavanaugh Courts. |
| Makens, Adelaide Servea A. B., 1920, Trinity College | D. C. | 2631 13th Street, N. W. |
| *Malina, Georges Francis | N. Y. | 1731 Church Street. |
| Mallet-Prevost, George | D. C. | 3562 18th Street, N. W. |
| Manherz, Ralph Benjamin | Pa. | 2008 Eye Street, N. W. |
| †Marble, Jarvis Carter B. S. in M. E., 1916, University of Michigan | N. Y. | 1120 Vermont Avenue. |
| †Maritzer, Louis Samuel Georgetown University; Columbia University | D. C. | 1630 Rhode Island Avenue. |
| Markley, Samuel Van Dyke A. B., 1920, Miami University | Ohio | 1618 H Street, N. W. |
| *Martin, Edwin Manton George Washington University | D. C. | 1940 Biltmore Street, N. W. |
| Martin, Veronica Marie | N. Y. | The Sherman. |
| †Mehrlick, Walter Ferdinand | Ind. | 2115 P Street, N. W. |
| Merritt, Ella Arvilla A. B. 1903, M. A. 1905, George Washington University | D. C. | 1603 Irving Street. |
| Meyers, Benjamin Juniata College | Pa. | 1753 Church Street, N. W. |
| Miller, Edwin Wright Texas University | N. C. | 1100 Vermont Avenue. |
| Milwit, Jacob | D. C. | 1239 12th Street, N. W. |
| †Moncure, Dorothea Ashby B. S., Woman's College (Richmond, Va.), 1911; University of Virginia | Va. | 3171 18th Street, N. W. |
| †Moncure, Richard Cassius Lee | Va. | Southern Rwy. Co., 13th and Pennsylvania Avenue. |
| Moore, John Gordon Louisiana Polytechnic Institute; Georgetown University | La. | 219 House Office Bldg. |
| Moore, Marguerite Catherine | N. Y. | 64 Bates Street, N. W. |
| Moore, Mary Lillian | Ky. | Cavanaugh Courts. |
| Morris, Sam Arlege University of Chattanooga | D. C. | 1024 Vermont Avenue, N. W. |
| *Moskey, Frank R. George Washington University | D. C. | 1017 15th Street, N. W. |
| Moul, George Edward University of Pittsburgh | Pa. | 3320 16th Street, N. W. |
| †Mundo, Arthur Lufkin | D. C. | 1321 Belmont Street, N. W. |
| Munson, George Kibby A. B., 1914, University of Rochester | N. Y. | 624 Maryland Avenue, N. E. |
| †Munson, Reginald Broadwater | Va. | 1016 Woodward Bldg. |
| Murdock, James Oliver Ph. B., 1916, University of Chicago; University of Illinois | D. C. | 1824 23d Street, N. W. |
| McCloskey, Catherine Eleanore George Washington University; Columbia University | D. C. | Wardman Park Hotel. |
| †McCown, Henry Young Grad. U. S. Naval Academy | D. C. | U. S. S. Mayflower, Navy Yard. |
| McElroy, Louin Everett Woodland College; State Agricultural College | Ark. | 933 H Street, N. W. |
| McGregor, Arthur | Utah | 506 E. Clifton Terrace. |
| McGrew, Martha Steele A. B., 1920, George Washington University | Tenn. | 1757 K Street. |
| McHenry, John Geiser, Jr. George Washington University | Pa. | 2520 12th Street, N. W. |
| McInnis, Charles Ballard | Ala. | 1607 16th Street, N. W. |

FIRST YEAR CLASS

303

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|--|
| McKendree, Laurette A. B., George Washington Uni- versity | Ohio | 1320 15th Street N. W. |
| †McLaughlin, John Thomas Catholic University; George- town University | N. H. | 1303 Newton Street, N. E. |
| *McLaughlin, Margaret Bertha B. S., 1919, Iowa State Col- lege | Wyo. | 308 F Street, N. W. |
| McPherson, David Mulvane Southwestern University | Calif. | 1309 17th Street, N. W. |
| McRae, Calvin Brice | Ohio | 1711 Que Street, N. W. |
| McRae, David Ezzell University of Texas | D. C. | 936 N Street, N. W. |
| *Neblett, Clara Eaton | Va. | 1705 Connecticut Avenue. |
| Nelson, Cari Bernhard Luther College, Decorah, Iowa | Iowa | 1024 17th Street, N. W. |
| Nichols, Arthur Green, Jr. | D. C. | 3921 Morrison Street, N. W. |
| Nichols, Ralph LeRoy Lawrence College, Appleton, Wis. | Minn. | 633 Y. M. C. A. |
| Nickless, Christopher Wesley | D. C. | 2628 Monroe Street, N. E. |
| Nicol, Louise | Ind. | 2209 Washington Circle. |
| †Niebell, Ralph Augustus | Pa. | 2138 F Street. |
| *Nieto, Arthur Mejia Instituto National and Ex- cuela Normal College | Honduras | 909 13th Street, N. W. |
| Nixon, Robert Arleigh | Wis. | 801 B Street, S. E. |
| Noell, William Wilson Virginia Military Institute | Va. | 1600 Rhode Island Avenue, N. W. |
| †Nolan, James Francis A. B., George Washington University | D. C. | 1750 Massachusetts Avenue, N. W. |
| Norcross, Harold Leslie University of Colorado; Cali- fornia University | Colo. | Y. M. C. A. |
| Osmond, Alfred Wendell Utah Agricultural College | Utah | 1610 Que Street. |
| Ostrolenk, Samuel Lehigh University | N. Y. | 112 Varnum Street, N. W. |
| Overstreet, Walter Everett | D. C. | 493 House Office Bldg. |
| Paisley, William Addison | Ala. | Apt. 45, 1730 M Street N. W. |
| †Pan, Chien Ching B. S. 1918, B. A. 1919, Univer- sity of Nanking, China; M. A. 1920, Columbia Uni- versity | China | 16 4th Street, S. E. |
| Parker, William Merrick | D. C. | 1815 Riggs Place, N. W. |
| Partridge, Alma Blanche | D. C. | Observatory Apt., Wisconsin Avenue. |
| †Patterson, George Snyder University of Iowa | D. C. | 1335 Taylor Street, N. W. |
| *Patterson, John Howell, Jr. A. B., 1919, Davidson College, N. C. | Fla. | 221 East Capitol Street. |
| Patterson, Paul Lorraine Drury College | Mo. | 166 House Office Bldg. |
| Pence, Frederick Garland | D. C. | 1720 Minnesota Avenue, S. E. |
| *Perley, Frank Morrison | D. C. | 48 T Street, N. W. |
| Perlman, Rebecca A. B., 1921, George Washing- ton University | D. C. | 608 Louisiana Avenue, N. W. |
| Perrie, Alvin Lloyd University of Maryland | Md. | College Park, Md. |
| Perry, Arthur Calvin Texas University; George Washington University | Tex. | Y. M. C. A. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|----------------------------------|----------------------------|-------------------------------|
| Perryman, Manie Columbus | N. C. | 1326 L Street, N. W. |
| Peterson, Robert Karl | D. C. | 2015 Eye Street, N. W. |
| †Petitte, James Kane | N. Y. | 2014 G Street, N. W. |
| B. S., 1919, Bucknell University | | |
| †Petty, Joe Nicholas | Ala. | 1727 F Street, N. W. |
| Phelps, George Horace | Idaho | 3034 Cambridge Place. |
| University of Idaho | | |
| Phillips, Stanley Bryan | Ky. | 1332 I Street, N. W. |
| Pickett, Charles | Va. | 1301 K Street, N. W. |
| †Pickett, Fred Bryan | Ind. | Gen. Del. |
| Earlham College | | |
| Pierce, Carrah Ola | Miss. | 1330 L Street, N. W. |
| B. S., 1913, Mississippi State | | |
| College for Women | | |
| †Pierson, Stanley Bird | N. J. | 312 1st Street, S. E. |
| George Washington University | | |
| Platt, James Lee | S. C. | 2511 14th Street. |
| B. S., 1921, The Citadel, | | |
| Charleston, S. C. | | |
| *Poage, Walter Staples, Jr. | Va. | 1757 K Street, N. W. |
| Hampden-Sidney College | | |
| Poindexter, Mattie Jane | Ky. | 707 22d Street, Apt. 10. |
| A. B., 1921, George Washing- | | |
| ton University | | |
| Pollitt, Mima Riddiford | Ohio | 2012 O Street, N. W. |
| A. B., 1918, University of Cin- | | |
| cinnati | | |
| Prettyman, Charles Wesley | D. C. | 1753 N Street, N. W. |
| George Washington University | | |
| *Priest, Roy Rife | Tex. | 742 Rock Creek Church Road. |
| University of Texas | | |
| *Proctor, Gwynne Radcliffe | D. C. | 712 20th Street, N. W. |
| Pryor, George Wilfred | Md. | 36 Poplar Avenue, Takoma |
| | | Park, Md. |
| Pulliam, Robert William | N. C. | Department of Agriculture, |
| University of North Carolina | | |
| Pusey, Lewis Barron | | |
| Brown University; George | | |
| Washington University | Md. | Office of Home Economics. |
| | | Room 4238, Geological Survey. |
| †Ralls, Oscar Blount, Jr. | D. C. | Army and Navy Club |
| U. S. Naval Academy; Johns | | |
| Hopkins University; Univer- | | |
| sity of Bordeaux | | |
| Rappaport, Harry Mac | D. C. | 1117 17th Street, N. W. |
| George Washington University | | |
| Ratcliff, Clyde Charles | La. | 918 F Street, N. W. |
| Louisiana State University | | |
| Ratcliffe, Sue James | N. Y. | The Rochambeau, No. 311. |
| Reams, Charles Everette, Jr. | Va. | 140 S Street, N. W. |
| University of Virginia | | |
| Reardon, Grace Elizabeth | N. Y. | I-K Bldg., Government Hotels. |
| Ph. B., 1908, Syracuse Uni- | | |
| versity | | |
| *Redway, Georgia | D. C. | 1218 O Street, N. W. |
| †Reed, Mary Barbara | Ohio | 1621 Massachusetts Avenue. |
| Ohio State University | | |
| Reed, Paul Clinton | La. | 280 House Office Bldg. |
| George Washington University | | |
| Reese, William Emmitt | W. Va. | 1513 28th Street, N. W. |
| George Washington University | | |
| Reynolds, John Bernard | Minn. | 621, Y. M. C. A. |
| Rhodes, Marion Benjamin | Ma. | The Northumberland, Apt. 102. |
| A. B., 1922, University of | | |
| Missouri | | |
| Rick, John Henry | D. C. | 1622 30th Street, N. W. |
| University of Pennsylvania; | | |
| Towne Scientific School | | |
| Ricketts, Ralph Albert | D. C. | 1442 Harvard Street, N. W. |
| Ringle, David, Jr. | D. C. | 2032 Eye Street, N. W. |
| George Washington University | | |

FIRST YEAR CLASS

305

| Name | Legal Residence | Address |
|---|-----------------|--------------------------------------|
| Roach, Jackson King University of Missouri | Mo. | 236, House Office Bldg. |
| Rogers, Otho Larkin Mississippi College | D. C. | 1816 L Street, N. W. |
| Rosenthal, Irving Arthur | N. J. | 632 Q Street, N. W. |
| Rowe, James Milton George Washington University | D. C. | 1401 Columbia Road, N. W. |
| Rudolph, Robert Irving B. S. in Chem. E., 1921, Catho- lic University | D. C. | 3712 Keokuk Street. |
| †Rush, Joseph Branson, Jr. | Va. | 2240 Ontario Road. |
| Russell, Paul Ray George Washington University | D. C. | 1420 Crittenden Street, N. W. |
| St. John, Charles Edmund A. B., 1921, Princeton Univer- sity | Tenn. | 1426 M Street, Manchester Apt. |
| *Sammon, William Bryan University of Wyoming | Wyo. | 1641 R Street, N. W. |
| Savage, Robert Lee, Jr. George Washington University | D. C. | 717 Upsper Street, N. W. |
| Scharenberg, Raymond Walter | Iowa | 1435 Fairmont Street. |
| Scheufler, Edward Lipphardt George Washington University | Kans. | Y. M. C. A. |
| †Schroyer, Thomas Lawson | Md. | 1024 17th Street, N. W. |
| Seaton, Arthur J. State University of Iowa | Iowa | 82 The Cumberland, Thomas Circle. |
| Shaner, Maurice Painter | Pa. | Y. M. C. A. |
| Sharp, Alton Byron University of Michigan | Mich. | 276 Vine Street, Takoma Park. |
| Shaw, Howard Knott A. B., 1921, George Washing- ton University; University of Alabama; Swarthmore Col- lege | N. J. | 1100 Vermont Avenue, N. W. |
| Shenberg, Irving | N. J. | 632 Que Street. |
| Shields, Jamie Foster | Tenn. | V-W Bldg., Government Hotels. |
| †Shoenhofer, Edward Joseph | Kans. | 1633 Hobart Street, N. W. |
| †Shore, William Cowley New York University; Hunter College | N. Y. | 1760 Kenyon Street. |
| Silva, Pablo Macasaet University of the Philippines | P. I. | 1817 F Street, N. W. |
| †Silverman, Joseph Melvin | D. C. | 1212 Union Street, S. W. |
| *Simering, Chauncey Lloyd Columbia University | N. Y. | 923 S. C. Avenue, S. E. |
| Simmons, William Van Amberg George Washington University | Miss. | 2466 Ontario Road, N. W. |
| *Sirica, John Joseph | D. C. | 942 E Street, N. W. |
| †Slechta, Marie | Iowa | 1804 G Street, N. W. |
| Smallwood, John Marshall University of Arkansas; Uni- versity of California | Ark. | 1829 19th Street, N. W. |
| Smith, Finney Bascom Grad. U. S. Naval Academy, 1915 | Pa. | 4901 16th Street, N. W. |
| Smith, Howard Jerome | D. C. | 1411 Rhode Island Avenue, N. W. |
| Smith, Martha V. | Ill. | 58 S Street, N. W. |
| †Smith, Robert Palmer | D. C. | 1405 Girard Street, N. W. |
| Smith, Stanley Phillips A. B., 1917, University of Michigan; A. M., 1920, Co- lumbia University | Mich. | University Club. |
| Smithwick, William Vereen Emory College; George Wash- ington University | Fla. | 2230 California Street, N. W. |
| Smyth, Walter Weyler Colgate University; Yale Uni- versity | Conn. | 1016 15th Street. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|---|
| Soderberg, Milton Alexander B. S., 1917, University of California | Calif. | 1736 G Street, N. W. |
| Somers, Milton Michael A. B., 1920, Western Maryland College | Md. | 1739 Newton Street, N. W. |
| †Sonfield, George McNeill University of Texas | Tex. | Colonial Hotel. |
| Sorenson, John Peter | N. Y. | 1432 M Street, N. W. |
| Spoerri, James Fuller University of Chicago | Ill. | 304 House Office Bldg. |
| Sporrer, Michael Joseph | Mich. | 1741 Q Street, N. W. |
| †Sprinkle, Jesse Franklin | Mont. | The Chastleton Apts. |
| Stanton, Oscar David A. B., Denver University; B. S., Colorado Agricultural College | D. C. | 3310 Ross Place. |
| Stetson, Ralph Goss B. S. in Commerce, School of Commerce and Finance, Northeastern College, Boston, Mass. | Me. | 1736 G Street, N. W. |
| Stevens, James Edelbert George Washington University | Ind. | 720 19th Street, N. W. |
| Stewart, Ernest Lee | W. Va. | 1371 Columbia Road. |
| †Stimpson, George William | D. C. | 1115 9th Street, N. W. |
| *Stirling, Harold Van Aken Ohio State University | Ohio | 4519 Georgia Avenue, N. W. |
| Stone, Orlando W. | Pa. | Apt. 7, 2129 18th Street, N. W. |
| Stormont, Donald Sutherland George Washington University | D. C. | 223 S Street, N. E. |
| Stout, Morris Van Zandt | D. C. | 1444 W Street, N. W. |
| *Streeter, Wallace Nelson | Minn. | 379 House Office Bldg. |
| Stuart, James Edwin Emory and Henry College | Va. | Y. M. C. A. |
| *Sturgis, Hugh Legare A. B., 1921, George Washington University; University of South Carolina | Md. | Department of State, Diplomatic Bureau. |
| *Sturtevant, William North Yale University | D. C. | 2110 LeRoy Place. |
| Stutz, Frederick Harold Denison University | Ohio | 3320 16th Street, N. W. |
| Sullivan, Julia Patricia | Md. | 1368 Kenyon Street, N. W. |
| Sweeney, Mary Theresa | N. Y. | 1709 Q Street, N. W. |
| Tabb, Rose Edith | D. C. | 1830 8th Street, N. W. |
| Tackwell, Hazel Estella | Kans. | 4128 8th Street, N. W. |
| *Taylor, Benjamin Franklin, Jr. University of Illinois | Ill. | 3515 14th Street, N. W. |
| Tebbs, Richard Henry Virginia Polytechnic Institute; University of Virginia | Va. | 1884 Columbia Road, N. W. |
| Temin, Henry George Washington University | D. C. | 515 4½ Street, S. W. |
| Tester, John Daniel | Mass. | 1335 E. Capitol Street. |
| Thomas, Charles Samuel B. S., 1918, Harvard University; Beloit College | Ill. | 3320 16th Street, N. W. |
| Thomas, Donn Birkhead | D. C. | 1621 Hobart Street, N. W. |
| Thorne, Talmadge Milton | Va. | Falls Church, Va. |
| Tilton, Albert Chase | N. H. | The Sherman Apts. |
| Tinley, David Palma Emory University | Ga. | 1846 Kenyon Street, N. W. |
| Todd, Oswald Newton | Pa. | 1204 Girard Street, N. W. |
| †Toohil, Chester Joseph Georgetown University | Mass. | George Washington Inn. |

FIRST YEAR CLASS

307

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|------------------------|--|
| Tourover, Raphael B. S., Engineering, 1920, Northampton Polytechnic In- stitute | D. C. | 637 F Street, S. W. |
| Tracy, Stanley James George Washington University | Utah | 2466 Ontario Road. |
| Turco, Joseph Charles | D. C. | 228 2d Street, N. W. |
| Tweed, Mary Reiley | Pa. | 1457 Belmont Street, N. W. |
| Tyler, Carl Walter | D. C. | 1428 A Street, N. E. |
| Uhler, Theodore Clay B. S., in Econ., 1917, Univer- sity of Pennsylvania | D. C. | 1433 Euclid Street. |
| †Uhrin, Michael William | Pa. | 1316 Columbia Road. |
| Vandegrift, John Leslie George Washington University | D. C. | 646 9th Street, N. E. |
| *Virts, Henry Alan | Va. | 1409 L Street, N. W. |
| *Voelker, Arthur Hugo George Washington University | Utah | 1312 N Street, N. W. |
| Von Eiff, Edgar Louis State College of Maryland | D. C. | 631 B Street, N. E. |
| Waddell, James Edward Grad. U. S. Naval Academy; Illinois University | Ill. | The Toronto Apt., 20th and P Streets. |
| Wagner, William Alvin | Pa. | 103 Rhode Island Avenue, N. W. |
| Wagonseller, Earl Amos George Washington University | Ill. | 738 Rock Creek Church Road. |
| †Wallace, Waverly Oklahoma University | Okla. | 221 E. Capitol Street. |
| Walsh, John Butler George Washington Univer- sity; University of Pennsyl- vania | D. C. | 202 East Capitol Street. |
| Waring, Paul Edward B. S., University of Pennsyl- vania; George Washington University | D. C. | 1423 Newton Street, N. W. |
| Warlick, Alton A. Southwestern State Normal School. Weatherford, Okla. | Okla. | 2650 Wisconsin Avenue, N. W. |
| Weaver, William B. Alabama Polytechnical | Ala. | Patent Office. |
| Weigester, William Frederick B. S., 1918, Pennsylvania State College | Pa. | 1829 19th Street, N. W. |
| Wellborn, W. | D. C. | 1437 Monroe Street, N. W. |
| Whitney, Courtney | Md. | Bolling Field, D. C. |
| Whitson, Edmund Stuart | D. C. | 150 R Street, N. E. |
| †Whyte, Russell Irving A. B., 1921, George Washing- ton University | D. C. | 2503 14th Street, N. W. |
| Wiles, Walter Erasmus University of North Carolina; George Washington Univer- sity | N. C. | Apt. 8, The Tension. |
| Wilgus, Filimora Ph. B., 1915, Denison Univer- sity; Ohio State University | Ohio | 400 B Street, N. E. |
| *Williams, Lewis Standing | Pa. | 1624 Monroe Street, N. W. |
| Williams, Miriam Hayden | D. C. | 1700 Lamont Street. |
| *Willis, Benjamin Coppage St. Johns College; George Washington University | Md. | 1603 Massachusetts Avenue, N. W. |
| Wilson, Nathaniel Claiborne | Va. | 1448 Rhode Island Avenue. |
| Wilson, Robert Whipple Oregon Agricultural College | D. C. | Patent Office, Division 21. |
| Wilson, Stephen Askew University of Illinois; Harvard University | Ill. | 1918 Belmont Road. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|------------------------|---|
| Wiseheart, Malcolm Boyd Northwestern School of Commerce, Chicago, Ill. | Ill. | Y. M. C. A. |
| Wolcott, George Milton | Wis. | 1234 Crittenden Street, N. W. |
| †Wood, Karl Parrish | D. C. | 1363 Fairmont Street, N. W. |
| †Wood, William Nicholas A. B., 1914, Princeton University | Va. | 1449 N Street, N. W. |
| Woolery, John University of Tulsa | Okla. | 1430 N Street, N. W. |
| †Wright, Burdette Shields B. S. in E. E., 1915, Purdue University | Va. | Windsor, Mt. Vernon Avenue, Alexandria, Va. |
| Wright, Howard Bragg | Va. | 2006 F Street, N. W. |
| Wright, John Elmer U. S. Naval Academy | Pa. | 707 20th Street, N. W. |
| Wright, Joseph Douglas Colorado College; University of Minnesota | Colo. | 932 23d Street, N. W. |
| Wright, Meadow Hampden-Sidney College; Temple University | Va. | 3162 Mt. Pleasant Street. |
| †Yardley, Richard | Va. | 706 Hurley Wright Bldg. |
| Yates, Isabel Diffenderfer A. B., 1919, Goucher College | D. C. | 1336 Eye Street, N. W. |
| Yokum, Otis Moncrief | D. C. | 920 Maryland Avenue, N. E. |
| *Zapanta, Emeterio | P. I. | 410 14th Street, N. W. |
| *Zimmerman, Carl Dressler | Utah | 2311 North Capitol Street. |
| *Zirkle, Wilmer David | Y. M. C. A. | |
| Zlotnick, Henry David | Mass. | 1855 Calvert Street, N. W. |

Second Year Class

| | | |
|--|-------|---------------------------------|
| Altschul, Arthur | Va. | 1440 Meridian Place. |
| Anderson, Joseph Nelson | Va. | 60 Randolph Place, N. W. |
| Anderson, Robert Nelson A. B., 1921, George Washington University | Va. | 60 Randolph Place, N. W. |
| Armstrong, Robert Douglas A. B., 1915, Indiana University; A. M., 1917, University of Wisconsin | Ind. | 1337 Perry Place, N. W. |
| Ashman, John Henry George Washington University | Wash. | 121 11th Street, N. E. |
| Audas, Edith Ruth A. B., 1915, Syracuse University | N. Y. | 3444 Mt. Pleasant Street. |
| Babcock, George Woodman | D. C. | 1636 Kenyon Street, Apt. 23. |
| Bailey, Elizabeth Margaret A. B., 1919, Vassar College; Vanderbilt University | Md. | 1844 Columbia Road. |
| Barco, Ernest Terrill A. B., University of Florida | Fla. | Apt. 5, 1448 Park Road. |
| Barnard, Philip Essery Exeter College, Oxford, Eng.; The Inner Temple, London | D. C. | 1429 Rhode Island Ave. |
| *Barnhill, Josephine Mary | D. C. | Apt. 7, 1408 L Street, N. W. |
| Barr, Joseph Fischer | Mass. | 1115 9th Street, N. W., Apt. 6. |
| Barrett, Joe Clifford A. B., 1920, University of Arkansas | D. C. | 1736 G Street, N. W. |
| Basseches, Jacob Thomas A. B., 1920, George Washington University | N. Y. | 1814 Riggs Place. |
| Bauman, Walter Michael University of Nebraska | Neb. | 734 15th Street, N. W. |
| Beall, Thomas Emmert George Washington University | D. C. | 3607 Newark Street, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|--|
| Behne, Joe Carrol Oklahoma University | Okla. | Y. M. C. A. |
| Behne, Tom Darl Oklahoma University | Okla. | Y. M. C. A. |
| Belden, Lillian Catherine Ph. B., 1918, Hiram College | Ohio | 1361 Irving Street. |
| Bell, Alexander Hamilton, Jr. | D. C. | 1726 M Street, N. W. |
| Berman, Louis Hyman George Washington University | D. C. | 1240 7th Street, N. W. |
| Bingaman, Clara Merrick Highland Park College; State University of Iowa | Iowa | P-Q Bldg., Government Hotels. |
| Bird, James Frederick Maryland State College | D. C. | 1736 G Street, N. W. |
| Birmingham, Charles Henry George Washington University | D. C. | 1733 N Street, N. W. |
| *Boteler, Charles M. | D. C. | 618 North Carolina Avenue, S. E. |
| Boudinot, Frank J., Jr. | Okla. | 1816 Ingleside Terrace. |
| Bradley, Frederick Moffat | D. C. | 1601 28th Street, N. W. |
| †Brady, Lawrence William Grinnell College; Leland Stan- ford University; State Uni- versity of Iowa; University of Chicago | Iowa | 1400 L Street, N. W. |
| Bromberg, John Louis University of Southern Ten- nessee; George Washington University | Ala. | Y. M. C. A. |
| Brown, Virginia May Hollins College | Ala. | Apt. 402, The Congressional. |
| †Buchanan, Douglas Riley Massachusetts Institute of Technology | Mass. | University Club. |
| Buckner, Robert William A. B., 1917, Fairmount College | Kans. | 218 Ethan Allen Avenue, Ta- koma Park, Md. |
| Burdick, Bernard Franklin University of Chattanooga; George Washington Univer- sity | Ala. | 1733 N Street, N. W. |
| Burns, James Patrick Montana State College | D. C. | 739 Princeton Place, N. W. |
| Burris, Evan Weisiger Southwestern University | Tex. | 1432 M Street, N. W. |
| Burton, George John | N. Y. | 420 Randolph Street, N. W. |
| Bush, Ada Lillian Illinois State Normal Univer- sity | Ill. | 3311 13th Street, N. W. |
| Butler, George Henry | N. D. | 1829 19th Street, N. W. |
| Cain, Clara Janet | Ala. | Apt. 207, Tudor Hall. |
| Callister, Norval Eddington | Utah | 3151 Mt. Pleasant Street, N. W. |
| Carr, Raymond Leroy A. B., 1919, Harvard Univer- sity | Mass. | 3800 14th Street, N. W. |
| Carson, Byron Gould | Mass. | Riverdale, Md., P. O. Box 235. |
| Cashatt, Ivey Wesley University of North Carolina | N. C. | 1327 10th Street, N. W. |
| Cates, Ronald Edward George Washington University | Iowa | 1733 N Street, N. W. |
| *Chen, Ta Chilton, William Eugene Virginia Polytechnic Institute | China Va. | 112 3d Street, N. E. 702 19th Street, N. W. |
| Chisholm, Theodore Livings B. E., 1919, Johns Hopkins Uni- versity | Md. | Apt. 4, 1755 Columbia Road. |
| Clark, Ben Rollin A. B., 1918, University of Michigan | Mich. | 1736 G Street, N. W. |
| *Clark, Marion Maybelle Bay Path Institute | Conn. | 1329 Belmont Street, Apt. 32. |

| Name | Legal Residence | Address |
|--|-----------------|---|
| Clarke, Nell Ray Randolph-Macon Woman's College; University of Virginia | D. C. | Apt. 516, The Rochambeau. |
| Coe, Conway Peyton A. B., 1918, Randolph-Macon | Md. | 1401 Columbia Road, N. W. |
| Collins, Alvin Bruce | Va. | 2028 N. Capitol Street. |
| *Conwell, Donald Elmer | Okla. | No. 8 Iowa Circle. |
| †Council, Charles D. University of Pittsburgh | N. C. | 1156 15th Street, The Colonial. |
| *Crofut, Hobart Lee Stanley | N. J. | Arlington, Va. |
| Cutting, John Herman | Vt. | 113 5th Street, S. E. |
| Dahlquist, Scott Anthony Utah Agricultural College; University of California | Utah | 1734 K Street, N. W. |
| Daily, Allan Frederick | Utah | 2606 University Place, N. W. |
| *Dale, Gertrude | D. C. | 114 Copley Courts, 17th and Church Streets. |
| Davidove, Emanuel Maurice Carnegie Institute of Technology | D. C. | 711 P Street, N. W. |
| Degnan, George Aloysius B. S. in M. E., 1919, George Washington University | Pa. | 1122 5th Street, N. W. |
| Diaz, Benito Dacanay | P. I. | 1747 E Street, N. W. |
| Diedel, Caroline Virginia | D. C. | 1490 Newton Street, N. W. |
| *di Girolamo, Vincenzo | Italy | 1400 New Hampshire Avenue. |
| Dodd, Alice Mary | N. Y. | 1338 Oak Street, N. W. |
| *Doi, Kiyochi University of Illinois | Hawaii | No. 1 Iowa Circle. |
| Doxtater, Jacob Harrison University of Wisconsin | Wis. | 1520 P Street, N. W. |
| Duell, Howard Snider | N. D. | 1743 P Street, N. W., Apt. 41. |
| Duggan, Kathleen | Ga. | 1300 Massachusetts Ave., N. W. |
| Dunbar, John Thomas | D. C. | 153 B Street, S. E. |
| Duncan, Grace Marian | Iowa | 1529 Belmont Street. |
| Dunker, Will Frank | Iowa | 1005 The Chaumont. |
| †Dymond, Hart Manly | Pa. | 2164 Florida Avenue, N. W. |
| Eastlack, John Earl | Iowa | 1186 7th Street, N. E. |
| Eden, Fred J. Hope College, Holland, Mich. | Ill. | 1537 Eye Street, N. W. |
| Ellis, George Stoughton George Washington University | D. C. | 3016 13th Street, N. W. |
| Ellis, Lee Elbert University of Chattanooga | Ala. | 1819 G Street, N. W. |
| *Ellis, Ralph Neely Drake University | Iowa | Y. M. C. A. |
| Engelhart, George Kemp Iowa State College | Ill. | 3800 14th Street, N. W., Apt. 119. |
| Espey, Henry Clay | D. C. | 57 Adams Street, N. W. |
| Espey, Howard Hamilton George Washington University | D. C. | 2010 First Street, N. W. |
| Ferris, Lester Francis | D. C. | 638 A Street, S. E. |
| *Finagin, Le Roy | D. C. | 1002 Savannah Street, S. E. |
| *Fleming, John Paton A. B., 1913, George Washington University | Va. | 1861 Wyoming Avenue. |
| Ford, Julia Louise George Washington University | D. C. | 328 11th Street, N. E. |
| Foster, Louise Trimble A. B., 1918, Millikin University; Drury College | Mo. | 2023 Q Street, N. W. |
| †Fowler, Ralph Starr University of Missouri; University of Wisconsin | D. C. | 1816 Kenyon Street, N. W. |
| Fraser, Francis Lucien | Md. | Forest Glen, Md. |

SECOND YEAR CLASS

311

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|---|
| Fraser, Malcolm Wicks George Washington Univer- sity; Virginia Military Insti- tute | N. Y. | 1026 Vermont Avenue. |
| French, William Thomas | D. C. | Clarendon, Va., 224 Beach Street. |
| Frey, John Charles University of Illinois | D. C. | Y. M. C. A., Box 202. |
| Fryer, William Thomas St. John's College | Md. | 1600 Rhode Island Avenue. |
| Gall, John Christian The Citadel College, Charles- ton | S. C. | 1834 Ontario Place. |
| Gibson, Jonathan Catlett | Va. | 3429 34th Place, Cleveland Park. |
| *Goley, Lawrence L. | Ill. | 3320 16th Street, N. W. |
| Gray, Alan Eggleston A. B., 1921, University of North Dakota | N. D. | Apt. 2, 1440 R Street, N. W. |
| Greene, Aldie Ross A. B., 1910, Albion College, Albion, Mich.; University of Michigan | Mich. | Patent Office. |
| Gregg, Alexander White Austin College, Sherman, Tex.; George Washington Univer- sity | Tex. | Office of Solicitor of Internal Revenue. |
| Gregory, Harold DeLancey M. E., 1920, Stevens Institute of Technology | D. C. | 1733 N Street, N. W. |
| Gulick, George | D. C. | 3020 Warder Street. |
| Hale, Ralph Cochran George Washington University | Tenn. | 644 Eye Street, S. W. |
| Hamilton, George Welker | Pa. | 1740 K Street, N. W. |
| Harriman, Henry Osgood Colby College | Mass. | 3810 Alton Place, N. W. |
| Hatcher, James Chandler A. B., 1921, George Washington University | Ala. | 505, Y. M. C. A. |
| *Hawley, Harry Regan University of Idaho | Idaho | 1502 21st Street. |
| Hazell, Joseph William George Washington University | D. C. | The Dresden. |
| Heflin, Cecil Randolph A. B., 1917, William and Mary College | Va. | 1618 H Street, N. W. |
| Held, Everett Whitmore | D. C. | The Olympia. |
| Henderson, Oliver Vanderbilt University | Ala. | 613 Ouray Bldg. |
| Herr, George Swartz | Pa. | 1736 G Street, N. W. |
| Herrman, David Cornell University; New York State Teachers' College | D. C. | 1506 Irving Street, N. E. |
| *Hinckley, Heber Grant | Utah | 3734 Kanawha Street, Chevy Chase, D. C. |
| †Hoch, August Hermes A. B., A. M., Indiana State University | Ind. | |
| Holland, Louis Clifford Valparaiso University | Ind. | 1225 11th Street, N. W. |
| †Hollingworth, Roger P. | D. C. | 5614 14th Street, N. W. |
| Hough, Roscoe Rhodes West Virginia University | W. Va. | 2511 14th Street, N. W. |
| *Hughes, William Arthur B. S., 1915, Union University, | N. Y. | 1440 Harvard Street, N. W. |
| Humphrey, Thomas Kenneth | Minn. | 307 Senate Office Bldg. |
| Hunt, Drexel Bernard Butler College, Indianapolis, Ind. | Ind. | 2314 18th Street, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|---------------------------------------|
| Hunter, Donald Van Osdol Indiana University | Ind. | 1354 Monroe Street, Apt. 6. |
| Hunter, William Armstrong A. B., 1917, University of Chi- cago | Idaho | Y. M. C. A. |
| Hurley, Fitzhugh Lee University of North Carolina; George Washington Univer- sity | D. C. | 1603 Massachusetts Ave., N. W. |
| Jennings, Charles Boyd University of Idaho | D. C. | Y. M. C. A. |
| Jensen, Clarence G. George Washington University | D. C. | 1706 F Street, N. W. |
| Jordan, Joseph Abner | Ga. | 3121 Mt. Pleasant Street. |
| Jordan, Lucian | W. Va. | 1741 T Street, N. W. |
| Keiser, Clarence Cyrus George Washington University | Md. | Bethesda, Md. |
| Kennedy, Edwin Russell, Jr. | D. C. | 1753 N Street, N. W. |
| King, Chester E. | Ill. | 2524 17th Street, N. W., |
| Kline, Virgil Claude B. S. in Education, 1917, Uni- versity of Missouri | Mo. | Patent Office. |
| LaFleur, Alexander Springfield College; Colby Col- lege | Me. | 1607 16th Street, N. W. |
| Leiden, Cyril Edward George Washington University | Pa. | 3320 16th Street, N. W. |
| Levy, Denise Janet | D. C. | 4521 9th Street, N. W. |
| Levy, Oscar Isaac B. S., 1914, M. S., 1916, Uni- versity of Chicago | La. | 4521 9th Street, N. W. |
| Lloyd, William Kenyon U. S. Military Academy | D. C. | Farragut Apts. |
| London, Samuel Mark | Pa. | 632 Que Street, N. W. |
| Loop, Edwin Albert Beloit University; University of Montana | Ill. | 304 House Office Bldg. |
| Mack, Carl Theodore E. E., 1917, Lafayette College | Pa. | 1208 Decatur Street, N. W. |
| Marshall, Carl A. | Va. | 1409 Belmont Street, N. W. |
| Mason, Laura Belle B. S., 1910, Vanderbilt Uni- versity | Tenn. | 1730 M Street, N. W., Apt. 45. |
| Melton, Heath Alexander A. B., 1920, Emory and Henry College | Va. | 1736 G Street, N. W. |
| Mericle, Harold Francis James Millikin University; Illinois State Normal Uni- versity; George Washington University | Ill. | Mt. Rainier, Md., Box 338. |
| Miles, Raymond Andrews B. S. in E. E., 1915, Ohio State University | N. Y. | 504 Tulip Avenue, Takoma Park, Md. |
| Miller, Elvie Earl | Tex. | 139 Quincy Place, N. E. |
| Miller, Walter Ferdinand | Pa. | 1311 K Street, N. W. |
| Monroe, Paul Eugene A. B., 1916, Newberry College, | N. C. | 1412 15th Street, N. W. |
| Moore, John Henderson George Washington University | D. C. | The Wyoming, Apt. 209. |
| Moore, Raymond Lester University of Pennsylvania; | Pa. | 1509 R Street, N. W. |
| Morina, Ferdinando | D. C. | 1323 M Street, N. W. |
| Morrissey, Edward Martin | Utah | Y. M. C. A. |
| Morse, Ralph Lyter Albion State Normal; Univer- sity of Idaho | D. C. | 1100 Vermont Avenue, N. W. |

SECOND YEAR CLASS

313

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|--------------------------------------|
| Muir, Henry Knight | D. C. | 1615 Webster Street, N. W. |
| Myers, Frank Hammett | D. C. | 3754 McKinley Street. |
| Myres, Eustis | Tex. | 1733 N Street, N. W. |
| *McBride, Ernest Hubbard | N. D. | 921 9th Street, N. W. |
| Valparaiso University; Uni- versity of Chicago | | |
| McCarthy, Walter Turpin | Va. | Cherrydale, Va. |
| George Washington University | | |
| McClure, John Elmer | W. Va. | Apt. 513, Clifton Terrace. |
| University of Chicago | | |
| McMurray, Paul Hayden | Tex. | 1322 Massachusetts Avenue. |
| Simmons College | | |
| McPherson, Joe Francis | Mo. | 1746 K Street, N. W. |
| George Washington Univer- sity | | |
| Nelson, Gustaf Arthur | Minn. | 752 Rock Creek Church Road. |
| Nichols, Samuel Cryslar, Jr. | N. Y. | 810 6th Street, N. W. |
| Nicholson, Blake Edwin | D. C. | 1440 N Street, N. W. |
| West Virginia University | | |
| Nicholson, William | D. C. | 606 Southern Bldg. |
| Argos College; University of Detroit, Mich. | | |
| Noe, Edward Terris, Jr. | Pa. | U. S. Patent Office. |
| B. S. in E. E., 1914, University of Pennsylvania | | |
| Nutt, Rolland Lee | Ill. | 1018 Munsey Bldg. |
| Ober, George Clarke, Jr. | D. C. | 125 B Street, S. E. |
| Johns Hopkins University; George Washington Univer- sity | | |
| Page, Hardy Barcalow | D. C. | The Ontario. |
| Grad. U. S. Naval Academy | | |
| Parker, Albert Benjamin | Va. | 1720 Willard Street, N W. |
| University of Virginia | | |
| Parkinson, Kenneth Nuttall | Idaho | Business High School. |
| A. B., 1915, Brigham Young University | | |
| Parks, Thomas Wright | S. C. | 3320 16th Street, N. W. |
| Clemson College | | |
| Parnaby, Robert William | Md. | Mansfield Apartments. |
| Perlman, Milton Morton | D. C. | 608 Louisiana Avenue, N. W. |
| University of Pennsylvania | | |
| Peterman, James Cuyler | La. | 505 Clifton Terrace, East. |
| U. S. Military Academy; Tu- lane University | | |
| Porter, Charles Wallace | Ohio | 1817 Euclid Street, N. W. |
| A. B., 1921, George Washing- ton University | | |
| Potter, Ferry Bryan | Va. | 1627 K Street, N. W. |
| Washington and Lee Univer- sity | | |
| *Price, Chester Franklin | Ala. | 3320 16th Street, N. W. |
| Ptak, Vaclav James | Ark. | Y. M. C. A. |
| A. B., 1920, University of Ar- kansas | | |
| Randolph, Elwood Wesley | Conn. | 909 7th Street, S. E. |
| Reese, Francis Sydney | Md. | 1738 N Street, N. W. |
| Reid, Don C. | Iowa | 1432 M Street, N. W. |
| University of Iowa; George Washington University | | |
| Reid, Neil Ewart | N. D. | 1314 14th Street, N. W., Apt. 3. |
| Reiff, Joseph Slingluff, Jr. | D. C. | 1511 22d Street, N. W., Apt. 304. |
| Robinson, Albert Franklin | D. C. | 702 19th Street, N. W. |
| A. B., 1919, Colby College | | |
| Robinson, Emery | Mass. | 932 O Street, N. W. |

| Name | Legal Residence | Address |
|--|--------------------|---|
| Robinson, Stephan Boatwell Grad., 1912, U. S. Naval Academy | D. C. | The Cairo Apt. |
| Roche, Leo Henry Catholic University | Conn. | 25 T Street, N. W. |
| Rogers, William Addison Rensselaer Polytechnic Insti- tute | D. C. | 1756 Lamont Street. |
| Rowley, Frank Smithies University of Michigan | Wis. | 5005 13th Street, N. W. |
| Russell, Frank Edmund Alabama Presbyterian College | D. C. | 1736 G Street, N. W. |
| Schwab, Clara Virginia | Va. | 322 S. Washington Street, Alex- andria, Va. |
| Schwartz, Abraham Nathan University of Maryland | D. C. | 442 H Street, N. W. |
| Seydell, Harry Maurice State University of Iowa | Iowa | 1315 Belmont Street, Apt. 36. |
| Shaikewitz, Rose Sylvia Sheppard, Norman Bishop A. B., 1917, Yale University | Va. Conn. | 5521 Potomac Avenue, N. W. 3136 24th Street, N. W. |
| Sherman, David Louis Shoop, James Harper P. D., 1917, Philadelphia Col- lege Pharmacy | N. Y. Pa. | 60 Rhode Island Avenue, N. W. 1311 K Street, N. W. |
| Shrader, Perry William University of Kansas | Kans. | 1829 California Street, N. W. |
| Simmons, Verne Phil University of Missouri | Mo. | 1829 19th Street, N. W. |
| Sledd, Susie Marion | Va. | Tudor Hall, 926 Massachusetts Avenue. |
| Smith, Edward Rollie *Sommerkamp, Frank Marcrum, Jr. University of Georgia | Ky. D. C. | 25 Rhode Island Avenue. Room 203, Y. M. C. A. |
| Springston, George Baillie A. B., 1921, George Washing- ton University | Ill. | 1100 Vermont Avenue, N. W. |
| Stearns, Orlo Foster George Washington University | Md. | Patent Office. |
| Steely, Maye | Ala. | 1426 M Street, N. W. |
| Stephens, Ernest Wright Yankton College, S. D. | S. D. | 3320 16th Street, N. W. |
| Stewart, Ralph Berry B. S., 1915, Clemson College; M. E., 1917, Cornell Univer- sity | S. C. | 1802 R Street, N. W. |
| Stone, Henry Charles A. B., 1917, Wesleyan Univer- sity | Conn. | 826 Woodward Bldg. |
| Strayer, Amanda Zella University of Michigan | Ohio | 4014 14th Street, N. W. |
| Stryker, Daniel Ph. B., 1916, Yale University | N. Y. | Washington Loan & Trust Bldg. |
| Tabler, Otis Francis Richmond College | Va. | 2123 California Street, N. W. |
| †Taylor, Beloit University of Arkansas; South- ern Methodist University | Ark. | 1618 H Street, N. W. |
| Taylor, Preston Phillips A. B., 1915, William and Mary College | Va. | 154 Arlington Bldg. |
| *Tech, Ruth Catherine Thomas, William Joseph Washington and Lee Univer- sity | Ind. D. C. | Government Hotels, P-Q. Bldg. 632 E Street, N. E. |
| Thompson, Glenn M. *Tinnerman, Clifford Lowell Ohio State University | Ind. Ohio | Rosslyn, Va. 2511 14th Street, N. W. |

THIRD YEAR CLASS

315

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|------------------------|--|
| Totah, Selim A. B., 1916, Earlham College | N. Y. | 1214 14th Street, N. W. |
| Trout, George Alexander A. B., 1915, University of Denver | Colo. | 1736 G Street, N. W. |
| Vollmer, Milton Robert | Va. | 2145 P Street, N. W. |
| Wallace, Pauline Goldie | D. C. | 108 Baltimore Avenue, Takoma Park, D. C. |
| Walter, Arthur Henry George Washington University | Ky. | 3121 Mt. Pleasant Street. |
| Watzman, Percy George Washington University | D. C. | 25 Eye Street, N. E. |
| Wells, John Whitfield | Ga. | 1832 Biltmore Street, Apt. 24. |
| Wheeler, Dan Hubert | Mass. | 1511 22d Street, N. W. |
| Wilder, William Franklin George Washington University | D. C. | 1523 22d Street, N. W. |
| Wilhelm, Harold Frederick E. E., 1918, Rensselaer Polytechnic Institute | N. Y. | 1402 L Street, N. W. |
| Williams, Ernest Francis Lafayette College; University of Michigan; George Washington University | D. C. | 1235 Madison Street, N. W. |
| Wilson, John Barnette George Washington University | La. | Sherman Apts. |
| Winter, Bailey University of California | Tex. | 1603 Massachusetts Avenue, N. W. |
| Wiseheart, Raymond Frederick | Ill. | Y. M. C. A. |
| Wright, Emma DuBois | Pa. | 1806 Vernon Street, N. W. |
| Wright, Stanley Robert Colorado College; University of Minnesota | Minn. | 1312 N Street, N. W. |
| Yale, Miles | Conn. | 3719 Keokuk Street, N. W. |
| Young, Glenn Olen University of Missouri | Mo. | 502 E Street, N. E. |
| Young, Horace Chapman | Ky. | 1733 New Hampshire Avenue, N. W. |
| Young, Vincent Henry | Conn. | 2024 King Street, Alexandria, Va. |
| Zaslowski, Walter | Conn. | 457 Massachusetts Avenue, N. W. |
| Zimmerman, William Ellis, Jr. University of Pennsylvania | Pa. | 1603 Massachusetts Avenue, N. W. |

Third Year Class

| | | |
|--|--------|----------------------------------|
| Adams, Leslie Harold A. B., 1920, George Washington University | D. C. | 1637 Harvard Terrace. |
| Almond, Roger Price Fairmont College, Wichita, Kans.; Kansas University | Kans. | 1312 N Street, N. W. |
| Anderton, Robert Hyde B. S., 1916, Dartmouth College; C. E., 1917, Thayer School of Engineering | R. I. | 1769 Columbia Road. |
| Anthony, Jesse | Ga. | Apt. 21, No. 7 Iowa Circle. |
| Armstrong, Jasper Henderson University of Tennessee | Tenn. | 1603 Massachusetts Avenue, N. W. |
| Ash, Ray A. B., 1918, West Virginia University | W. Va. | The Cairo. |
| Bannister, DeVillo Andrew State University of Iowa | S. D. | 1539 Eye Street, N. W., Apt. 9. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|---|
| Barkman, William Ernest | D. C. | 218 8th Street, S. E. |
| Barlow, Herbert Boutell | R. I. | 1736 G Street, N. W. |
| Ph. B., 1920, Brown University | | |
| Baughman, Thomas Frank | D. C. | 1330 Massachusetts Ave., N. W. |
| George Washington University | | |
| Baxter, Horace Monroe | Mass. | 4011 14th Street, N. W. |
| S. B., in E. E., 1917, Massachusetts Institute of Technology | | |
| Beall, Dorothy Joyce | D. C. | 2016 Hillyer Place. |
| Berg, Casper Robert | Wis. | 1827 N Street, N. W. |
| University of Wisconsin | | |
| Berry, Sydney Griswold | N. J. | Patent Office. |
| Ch. E., 1916, Columbia University | | |
| Bladen, Ashby Edward | Va. | 219 N St. Asaph Street, Alexandria, Va. |
| George Washington University | | |
| Blanken, David | D. C. | 1408 6th Street, N. W. |
| George Washington University | | |
| Boat, Marion Louis | Iowa | 1603 Massachusetts Avenue, N. W. |
| *Bouve, Clement Lincoln | Md. | Union Trust Bldg. |
| A. B., 1899, Harvard University | | |
| Bracklow, Willard Hayden | Minn. | Court of Claims. |
| Brantley, Dwight | N. C. | 1104 Vermont Avenue, N. W. |
| University of North Carolina | | |
| Brantley, Hobart | N. C. | 1104 Vermont Avenue, N. W. |
| University of North Carolina | | |
| Breen, Emma B. | Tex. | The Burlington. |
| Centenary College, Jackson, La. | | |
| Brown, Barrett Francis | Ohio | Room 834, Department of Justice. |
| Ohio State University | | |
| Burdick, Robert Cortez | Ala. | 1733 N Street, N. W. |
| A. B., 1917, University of Chattanooga | | |
| Burns, James Alexander | D. C. | 217 18th Street, S. E. |
| Burros, Morris | Conn. | 1841 14th Street, N. W. |
| George Washington University | | |
| Butler, Aaron Prentiss | Vt. | Y. M. C. A. |
| B. S. in Econ., 1918, University of Vermont | | |
| Callahan, Mildred Ruberta | Va. | 2138 Fairfax Street, Alexandria, Va. |
| A. B., 1919, George Washington University | | |
| Canning, Harold Francis | Me. | 1439 Rhode Island Avenue, N. W. |
| Carloss, Helen Rembert | Miss. | 1658 Hobart Street. |
| A. B. 1913, Mississippi Industrial Institute and College | | |
| Chebithes, Vasilios Isadore | Ky. | 702 19th Street, N. W. |
| A. B., 1916, Centre College of Kentucky | | |
| Cleveland, Washington Irving | Md. | Kensington, Md. |
| University of Wisconsin | | |
| Cohen, Charles Abraham | N. J. | 1539 Eye Street, N. W. |
| Dickinson College | | |
| Cone, Gilbert Augusta | Tex. | 1418 Hopkins Place, N. W. |
| State University of Texas; Columbia University | | |
| Cone, Naomi Greene | Tex. | 1418 Hopkins Place, N. W. |
| Connelly, Mary Magdalin | N. Y. | 1223 K Street, N. W. |
| Conway, Marcell | D. C. | 1510 R Street, N. W. |
| Cooley, James Paschal | Va. | 8 Walnut Street, Clarendon, Va. |
| University of Virginia | | |
| Corbitt, Jesse Glenn | Ala. | 1927 G Street, N. W. |
| Cornell, Ralph Guy | N. Y. | 1850 Monroe Street, N. W. |
| Covington, Mary S. | N. C. | 52 Rhode Island Avenue, N. W. |
| A. B., 1905, Shorter College, Rome, Ga. | | |

THIRD YEAR CLASS

317

| Name | Legal Residence | Address |
|--|-----------------|---------------------------------------|
| Cox, Jerome Rockhold A. B., 1914, Western Maryland College | Md. | Y. M. C. A. |
| Daily, John Ryan | Ill. | 1100 Vermont Avenue. |
| Daugherty, Duncan Wilmer | W. Va. | 1313 Rhode Island Avenue, N. W. |
| *DeBrodes, George Victor Western Reserve Library School; George Washington University | D. C. | The Portner. |
| Der Bedrosian, Charles | N. J. | Y. M. C. A. |
| Dieserud, Helge C. B. S. in M. E., 1918, University of Illinois | D. C. | 1812 K Street, N. W. |
| Dodson, Frederick William B. S. in Chem., 1917, Massachusetts Institute of Technology | D. C. | 1339 Montague Street, N. W. |
| Dolby, Bird Hagen | D. C. | 3709 34th Street, Mt. Rainier, Md. |
| DuVall, Walker Mareen George Washington University | D. C. | 2237 Q Street, N. W. |
| Dworkin, Meyer | Conn. | 611 Eye Street, N. W. |
| Eatman, Phelan Williams Louisiana State University | La. | Care Weather Bureau |
| Edwards, John James Maryville College | Tenn. | 502 Clifton Terrace, South. |
| Fogle, Charles Dent Ohio University | Ohio | 1429 C Street, N. E. |
| Forbes, William Henry | Mass. | 1342 18th Street, N. W. |
| Fravel, Robert H. A. M., 1906, Randolph-Macon College | Va. | 1101 18th Street, N. W. |
| Friedman, Samuel Aaron | N. Y. | 1221 10th Street, N. W. |
| Gatch, Thomas Leigh Grad. 1912, U. S. Naval Academy | Md. | Office J. A. G., Navy Department. |
| Gayle, Catherine Jarvis | Va. | Ft. Myer Heights, Va |
| Gediman, Herbert William | Mass. | 1732 P Street, N. W. |
| Gorman, Lois Gates | Pa. | 1807 California Street. |
| Greene, Adelbert Jay A. B., 1916, University of Colorado | Nev. | 226 18th Street, S. W. |
| *Hagner, Leonard Gawthrop Ph. D., 1915, Dickinson College | Del. | 1016 15th Street, N. W. |
| Hanson, Edward Josephus George Washington University | N. C. | 1312 N Street, N. W. |
| Hardy, Franklin Earl | N. Y. | 1432 M Street, N. W. |
| Harlan, John Graydon University of Pittsburgh | Pa. | 647½ G Street, N. E. |
| Harrah, Eugene B. University of Pennsylvania | D. C. | 1653 Newton Street, N. W. |
| Hartman, Joe University of Chicago | Ohio | 1634 Riggs Place. |
| Hays, Lawrence Brooks A. B., 1919, University of Arkansas | Ark. | 1312 N Street, N. W. |
| Hazen, Joseph Harrington George Washington University | N. Y. | 1609 Lanier Place. |
| Henry, Abner Eisaman A. B., Franklin and Marshall College | Pa. | |
| Hilliard, Benjamin Clark, Jr. State University of Iowa | Colo. | 1750 Massachusetts Avenue, N. W. |
| Hind, Eugene Reed | S. D. | Cherrydale, Va. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|-------------------------------------|
| Hodge, David Malcolm A. B., 1919, Swarthmore Col- lege | Pa. | 1603 Massachusetts Avenue, N. W. |
| Hoffman, John Edward | Pa. | 1424 Harvard Street, N. W. |
| Holliday, Marion E. | Ill. | 1329 Belmont Street, N. W. |
| Honts, Emory R. | Okla. | 1432 M Street, N. W. |
| *Horsefield, Russell James Washington University, St. Louis; University of Chi- cago | Mo. | 1400 Belmont Street, N. W. |
| Hostettler, Binas | Ind. | 1216 9th Street, N. W. |
| Huck, Laurie Meriwether University of Texas | Tex. | 1312 N Street, N. W. |
| Hudson, John White A. B., 1920, University of Mis- souri | Mo. | 1604 Hobart Street, N. W. |
| Huff, Jesse M. E., 1914, Ohio State Uni- versity | D. C. | 523 18th Street, N. W. |
| Hughes, George Ernest University of Texas | D. C. | 1732 P Street, N. W. |
| Hughes, Sarah Tilghman A. B., 1917, Goucher College | Md. | 1732 P Street, N. W. |
| Hundley, James Curry George Washington Univer- sity | Calif. | 326 11th Street, N. E. |
| Hunt, Warren Hansell | D. C. | 2305 18th Street, N. W. |
| Hutt, James Brooke U. S. Naval Academy | Va. | 1476 Newton Street, N. W. |
| Ilderton, Blair McKenzie University of Kentucky | S. C. | Y. M. C. A. |
| Jackson, Albert Leslie University of Texas | Tex. | 1736 G Street, N. W. |
| Jackson, Elmer James Muhlenberg College | Pa. | 1603 Massachusetts Avenue. |
| Jenkins, Ben | Ill. | 424 Kenyon Street, N. W. |
| Katz, William B. S., 1914, College of City of New York | N. Y. | Room 225, U. S. Patent Office. |
| *Keefer, Arthur Charles Maryland State College | Md. | Fendall Bldg. |
| Ketner, Henry Ernest | N. C. | 1603 Massachusetts Avenue. |
| Ketner, James Thomas | N. C. | 1603 Massachusetts Avenue. |
| Kilpatrick, Howard Cecil Alabama Polytechnic Institute | Ala. | 1618 29th Street, N. W. |
| Kirby, Homer H. George Washington Univer- sity | Ohio | 1734 K Street, N. W. |
| Knock, Franklin George Washington University | D. C. | 1440 Meridian Place, Apt. 2. |
| Knowlton, Alfred Smith Macalester College; University of Minnesota | Minn. | 2035 Park Road, N. W. |
| Kuzmiak, John Stephen | Pa. | Y. M. C. A. |
| Lacy, Olive Beatrice | N. J. | 1347 Girard Street, N. W. |
| Larson, John Emil George Washington University | Me. | 1842 Calvert Street, N. W. |
| Lassen, Earle Charles | Wash. | 702 19th Street, N. W. |
| Lee, Ednah McKinley | D. C. | 1309 Quincy Place, N. W. |
| †Lehnert, William | N. H. | 1634 15th Street, N. W. |
| Lewis, Edward Dench B. S., 1918, Syracuse Univer- sity | N. Y. | Apt. 4, 1813 F Street, N. W. |
| *L'Hommédieu, Samuel | D. C. | Oxford Avenue, Del Ray, Va. |
| Littell, Nelson A. B., 1920, George Washington University | Ind. | 1830 Kenyon Street, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|--|----------------------------|-------------------------------------|
| Lodge, Thomas Ellis | Del. | Y. M. C. A. |
| Longstreet, William Carl, Jr. B. S. in Econ., 1919, University of Pennsylvania | N. J. | 3320 16th Street, N. W. |
| Lucal, Ira David George Washington University | Ohio | 1479 Monroe Street, N. W. |
| Luce, Llewellyn Atsett University of Chicago; Uni- versity of Montana | Mont. | 32 V Street, N. W. |
| Lyon, William Campbell Carnegie Institute of Tech- nology | Pa. | Apt. 42, The Cumberland. |
| Magathan, Wallace Clifton A. B., 1914, University of Kan- sas | Kans. | 24 Denwood Avenue, Takoma Park. |
| Marshall, Robert Wallace | Ky. | 1829 19th Street, N. W. |
| Martin, Clark Wilfred B. S., Valparaiso University | Pa. | 1432 M Street, N. W. |
| Maxwell, Charles Warren Catholic University | Conn. | 2815 6th Street, N. E. |
| Meadow, Hilda Wesleyan College | Ga. | 1409 K Street, N. W. |
| Montgomery, Anna Carroll | D. C. | 1743 Rhode Island Avenue. |
| Morgan, Robert Elmer A. B., 1918, Arkansas Univer- sity | Okla. | 1733 N Street, N. W. |
| Mount, Thomas Flippin | Tenn. | Court of Claims. |
| McCarthy, Edward, Jr. Richmond College | Va. | Cherrydale, Va. |
| McCasin, Walter W. William and Mary College | Va. | 2501 Pennsylvania Avenue, N. W. |
| McClean, Cyril Wesley A. B., 1915, University of Cali- fornia | Calif. | Department of Justice. |
| McCoy, Philbrick North Carolina State College | D. C. | The Wyoming. |
| *McEachern, William Cameron University of Idaho | Idaho | Y. M. C. A. |
| McIntosh, Samuel Wallace | D. C. | 128 C Street, N. E., Apt. 32. |
| McLaughlin, Anna Gertrude | Wyo. | 308 F Street, N. W. |
| McVay, William Walter | Pa. | 1733 N Street, N. W. |
| *Nakamura, Gongoro University of Southern Cali- fornia | Japan | 1323 N Street, N. W. |
| Nelson, George Leonard George Washington University | Utah | 1312 N Street, N. W. |
| Nichols, Ross Manning | N. J. | 1750 Massachusetts Avenue, N. W. |
| Noble, Lew Maurice A. B., 1916, Bowdoin College | Me. | 107 Fontanet Courts. |
| *O'Brien, James John | N. Y. | 1360 Harvard Street, N. W. |
| O'Brien, Matthew Houston A. B., 1916, Wesleyan Univer- sity | D. C. | 1229 Euclid Street, N. W. |
| Odell, Robert Russell | S. D. | 1100 Vermont Avenue, N. W. |
| Osnes, Olaf Walter | S. D. | Y. M. C. A. |
| Paul, Albert Harding University of Utah | Utah | 1734 K Street N. W. |
| Payne, Horace Durant A. B., 1917, University of Mis- souri | Okla. | 1604 Hobart Street, N. W. |
| Penrod, Herman Garfield | Ohio | 3363 18th Street, N. W. |
| Perlin, Harry A. B., 1920, George Washing- ton University | N. Y. | 1418 M Street, N. W. |
| Piegrass, Charles Spurgeon University of Oklahoma | Okla. | 1320 New York Avenue, N. W. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|---|
| Pixley, Rex Arthur | Mich. | Apt. 42, The Cumberland. |
| Plagens, Henry Jay | Kans. | 1603 Massachusetts Avenue, N. W. |
| Pollitt, Basil Hubbard A. B., 1917, University of Cin- cinnati | W. Va. | 2012 O Street, N. W., Apt. 81. |
| Raine, Wendell Phillips B. S. in E. E., 1907, A. M., 1911, University of Pennsyl- vania | Pa. | 1781 S Street, N. W. |
| Raisbeck, James, Jr. Washington and Lee Univer- sity; University of Michi- gan | W. Va. | 1833 15th Street, N. W. |
| Reynolds, Marvin Jacob C. E., 1917, Rensselaer Poly- technic Institute | N. Y. | 1918 18th Street, N. W. |
| *Roberts, Samuel Judson Georgetown University | D. C. | 1746 K Street, N. W., The Parkwood. |
| Rockow, Arthur | Wis. | 1872 California Street, N. W. |
| Romney, Vernon | Utah | 1747 Park Road, N. W. |
| Rosenberger, Charles Rupley | Pa. | 807 O Street, N. W. |
| Ross, William Warfield | D. C. | 1618 29th Street, N. W. |
| Sandoe, Nichol Main B. S., 1919, Dartmouth College | D. C. | 235 12th Street, N. E. |
| Schaffer, John Leinbach Grad. U. S. Naval Academy | D. C. | Army and Navy Club, Navy Department. |
| See, Ernest Aldine A. B., 1920, George Washing- ton University | W. Va. | 1733 N Street, N. W. |
| Seeley, Bromley | D. C. | The Dresden. |
| Shanholtzer, James Clinton Shepherd College | W. Va. | 2030 G Street, N. W. |
| Shinnick, Herbert Hanserd University of Liverpool; Sor- bonne University; George Washington University | Va. | 822 Varnum Street, N. W. |
| Shumaker, Frederic A. | Kans. | Apt. 35, The Cumberland. |
| Simmons, Rush Nelson George Washington University | Minn. | 406 Cedar Street, N. W., Ta- koma Park, D. C. |
| Smith, Talma L. A. B., 1918, George Washing- ton University | Tex. | 658 East Capitol Street. |
| Snow, Chester Ammen, Jr. University of Pennsylvania | Md. | Silver Springs, Md. |
| Snyder, Ross H. | Ill. | 307 C Street, N. W. |
| Spears, Cleo Calvin | Ohio | 1860 Meridian Place, N. W. |
| Sporkin, M. Walton, Jr. University of Pittsburgh | Pa. | 1872 California Street. |
| Stanley, Clinton Fiske A. B., 1918, Earlham College | Ind. | Y. M. C. A. |
| Stevens, Eugene Ensign, Jr. | Md. | Pacific Bldg., 622 F Street, N. W. |
| Stokes, Walter Raymond | D. C. | 508 Clifton Terrace. |
| Stoltz, Authwin Valparaiso University | Ill. | 1410 C Street, N. E. |
| Sturgis, Wallace Edwin Mississippi Agricultural and Mechanical College; Univer- sity of Virginia | Miss. | Y. M. C. A. |
| *Sucher, Ralph Gunn Bradley Polytechnic Institute; University of Wisconsin | Ill. | 807 Chateau Thierry Apt. |
| Symons, Noel Speer A. B., 1919, Princeton Univer- sity | D. C. | 1509 16th Street. |
| Taylor, James Harvey Grad. 1911, U. S. Naval Acad- emy | Calif. | Office of Judge Advocate Gen- eral, Navy Department. |

MASTER'S DEGREE CANDIDATES

321

| Name | Legal Residence | Address |
|---|-----------------|--|
| Thompson, Frank Marion, Jr. | N. C. | 1107 11th Street, N. W. |
| Thurman, Allen Grover A. B., 1916, University of Utah | Utah | 1312 N Street, N. W. |
| Towers, Frederic Newton | D. C. | 1725 17th Street, N. W. |
| Tron, Robert Augustus | D. C. | 1314 30th Street, N. W. |
| Turner, Bolon Bailey University of Arkansas | Ark. | 1312 N Street, N. W. |
| Ursua, Francisco Antonio University of California | Mex. | Wardman Park Hotel. |
| Wainwright, Charles Edward Bucknell University; Colum- bia University | Va. | Gordon Hotel. |
| Wallick, Earle Wilbur A. B., 1919, George Washing- ton University | Ill. | 1603 Massachusetts Avenue, N. W. |
| Weisbrod, Max | N. Y. | Commercial National Bank Bldg. |
| Welsh, Nell Irene | Pa. | 1401 Columbia Road, Carlisle Court, Apt. 122. |
| Weyler, George Lester Grad., 1910, U. S. Naval Acad- emy | Kans. | 1830 Ontario Place, N. W. |
| Whitaker, Lorenzo Dowe George Washington Univer- sity | D. C. | 937 14th Street, S. E. |
| Whitehurst, Herschel Smith Georgia School of Technology; Meridian Male College | Ga. | 1329 Belmont Street. |
| Williams, Dwight Hagar A. B., 1920, University of Iowa | Iowa | 1736 G Street, N. W. |
| Willis, Warren Jennison A. B., 1918, George Washing- ton University; Grad. U. S. Naval Academy | Minn. | Patent Office. |
| Wilson, Lee Ross George Washington Univer- sity | Ohio | 1346 Monroe Street, N. E. |
| Wiseman, Kenneth Carson Methodist University of Okla- homa | N. Mex. | 2011 F Street, N. W. |
| Wood, John Williamson George Washington Univer- sity | D. C. | 2636 Garfield Street, N. W. |
| Woodside, Joseph Benjamin Valparaiso University; Uni- versity of Paris | Ill. | 1134 8th Street, N. W. |
| Woodward, Charles William University of Georgia | Md. | 1014 11th Street, N. W. |
| Wormhoudt, Marion Paul Central College | Iowa | 1603 Massachusetts Avenue, N. W. |
| *Wunderlich, Lucile Marie | Ky. | 525 Quincy Street, N. W. |
| Yates, Frank Lloyd West Virginia University | W. Va. | 1733 N Street, N. W. |
| Young, Henry Leavenworth A. B., 1917, Grinnell College | Iowa | 1312 N Street, N. W. |
| Young, Willis Harold | Minn. | Box 37, E. Falls Church, Va. |

CANDIDATES FOR DEGREE OF MASTER OF LAWS

| | | |
|--|-------|--------------------------------|
| *Archey, Edith Marshall LL. B., 1921, George Wash- ington University | Ky. | 912 Eye Street, N. W., Apt. 2. |
| Armstrong, Alfred Glen LL. B., 1919, University of Kansas | Kans. | 233 B Street, N. E. |

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|--|
| Barnes, Charles Maurice A. B., 1910, LL. B., 1921, George Washington University | Va. | 1436 Meridian Place, N. W. |
| Brock, Howard Merle Toledo University; LL. B., 1921, George Washington University | Ohio | 419 Y. M. C. A. |
| Campaign, Harry John University of Wisconsin; LL. B., 1921, George Washington University | Wis. | 3320 16th Street, N. W. |
| *Cole, Francis Arthur Central College, Pella, Iowa; LL. B., 1921, George Washington University | Iowa | 931 O Street, N. W. |
| *Curry, Joseph Clifford University of Chattanooga; LL. B., 1921, George Washington University | Tenn. | Y. M. C. A. |
| Donnally, John Cotton LL. B., University of Virginia | W. Va. | Racquet Club. |
| *Eddy, Grace Marie LL. B., 1920, George Washington University | Wis. | V-W Bldg., Government Hotels. |
| Frailey, Thomas Joseph A. B., 1915, A. M., 1917, Mount St. Mary's College; A. M., 1919, Dickinson College; LL. B., 1919, Dickinson College of Law | D. C. | 1016 15th Street, N. W. |
| Frey, Charles Millard A. B., 1917, University of Nebraska; LL. B., 1921, George Washington University | Neb. | 1432 M Street, N. W. |
| Fuller, Burton A. B., 1915, Central University of Iowa | Iowa | 1819 F Street, N. W. |
| Geiger, Olive Evalyn Maryland College for Women; LL. B., 1921, George Washington University | D. C. | 2851 29th Street, N. W. |
| Hammond, James Morris Stanford University; University of California; LL. B., 1921, George Washington University | Nev. | Room 2146, Munitions Bldg. |
| *Higgins, Daniel Ernest University of Maine; LL. B., 1921, George Washington University | Me. | 2006 F Street, N. W. |
| Hurd, Cato Burdge LL. B., 1921, George Washington University | Ind. | Apt. 303, 1101 Euclid Street, N. W. |
| Lacy, Samuel Winston Richmond College; LL. B., 1921, George Washington University | Va. | Box 323, Pa. Ave. Postal Station. |
| †*Long, Harry LL. B., Indiana University | Ind. | 1933 Park Road, N. W. |

MASTER'S DEGREE CANDIDATES

323

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|----------------------------|---|
| Lyon, William Campbell Carnegie Institute of Technol- ogy; LL. B., 1922, George Washington University | Pa. | Apt. 42, The Cumberland. |
| Miller, Jesse Clinton LL. B., 1921, George Washing- ton University | N. D. | 1432 M Street, N. W. |
| McGuire, Ollie Roscoe A. B., 1917, Louisiana State University; LL. B., 1921, George Washington Univer- sity | La. | Cherrydale, Va. |
| O'Brien, James John LL. B., 1922, George Wash- ington University | N. Y. | 1360 Harvard Street, N. W. |
| Pixley, Rex Arthur Maryville College; LL. B., 1922, George Washington University | Mich. | Apt. 42, The Cumberland. |
| *Raymond, Mary Jane LL. B., 1920, George Wash- ington University | D. C. | 1224 Euclid Street, N. W. |
| *Rorer, Dwight Eugene University of Pennsylvania; LL. B., 1917, Dickinson Col- lege of Law | Ind. | Department of Justice. |
| Ryan, Mark Joseph LL. B., 1921, George Washing- ton University | N. Y. | Care Solicitor of Internal Rev- enue. |
| Shands, Richard Eppes B. S., 1919, LL. B., 1921, Uni- versity of Virginia | D. C. | 901 16th Street, N. W. |
| Smith, Stephen Girard LL. B., 1921, Vanderbilt Uni- versity | Tex. | |
| Stone, Henry Ulen LL. B., 1921, George Washing- ton University | Mo. | 1022 Spring Road, N. W. |
| Swindler, Charles Patrick A. B., 1916, University of Colorado; LL. B., 1919, George Washington Univer- sity | Colo. | 5505 13th Street, N. W. |
| Taggart, Etta Louise LL. B., 1921, George Wash- ington University | D. C. | 1758 Park Road. |
| Van Dolsen, Fred L. LL. B., University of Michi- gan | Ind. | New Berne, Apt. 22, 12th and Massachusetts Avenue. |
| *Williams, Virginius Faison A. B., 1917, University of North Carolina; LL. B., 1921, George Washington University | N. C. | 1529 Rhode Island Avenue. |
| Wilson, John Johnston LL. B., 1921, George Washing- ton University | D. C. | 3104 19th Street, N. W. |
| Woodson, Fred Lee LL. B., 1921, George Washing- ton University | Mo. | 1759 Columbia Road. |
| Wright, Harold Page Brown University; Boston Uni- versity; LL. B., 1921, George Washington University | R. I. | Box 23, House Office Bldg. |

SPECIAL STUDENTS

| Name | Legal Residence | Address |
|---|-----------------|--|
| *Andros, Charles Henry C. E., 1907, Rensselaer Polytechnic Institute | D. C. | Patent Office. |
| Atkins, Julia | N. C. | 1015 16th Street, N. W. |
| Bailey, Clyde Scott | D. C. | 810 18th Street, N. W. |
| Barber, Nelle Emerson College | Mass. | Senate Office Bldg. |
| Barnes, Henry Charles, II. | Mich. | 1406 Newton Street. |
| Belt, Mildred A. B., 1917, Goucher College | Md. | Children's Bureau, Department of Labor. |
| Berliner, Alice Elizabeth George Washington University | D. C. | 1458 Columbia Road. |
| *Blaisdell, Gertrude Grace | Ill. | T-U Bldg., Government Hotels. |
| *Boineau, Leon Calhoun U. S. Military Academy | S. C. | Room 193, State, War & Navy Bldg. |
| Bransom, Henry Wilton | D. C. | R. F. D. No. 1, Box 27A, Falls Church, Va. |
| *Buchanan, Sara Louise LL. B., Cumberland University | Miss. | 1114 Vermont Avenue N. W. |
| *Buchheister, George Gustav University of Maryland | Md. | 1733 N Street, N. W. |
| Butler, Marion, Jr. George Washington University | N. C. | Naval Air Station. |
| Cake, Lawrence Hitchner Georgetown University | D. C. | Wilkins Bldg. |
| Campbell, Ershel Weaver University of Missouri; University of Chicago | D. C. | 127 Senate Office Bldg. |
| Carter, Charles Angle | Va. | 1600 Rhode Island Avenue, N. W. |
| Casey, Andrew Harrison Wake Forest College | N. C. | Apt. 34, 1440 R Street, N. W. |
| *Cass, Lewis Williams | Tenn. | Wardman Park Hotel. |
| Collins, Randolph Spencer University of Utah | Utah | Apt. 42, 3151 Mt. Pleasant Street. |
| Conover, Milton Ph. B., 1913, Dickinson College; A. M., 1915, University of Minnesota | N. J. | 818 Connecticut Avenue, N. W. |
| Crouch, James Turner Mount St. Mary's College; LL. B., 1921, University of South Carolina | S. C. | 1500 Columbia Road |
| Cupp, Walter Roberts | Idaho | 2655 Connecticut Avenue, N. W. |
| DeForce, James Allen University of Washington; Johns Hopkins University; Georgetown Foreign Service School | Wash. | 1502 21st Street, N. W. |
| Diekroeger, Fred Edwin Maryland University; Georgetown University | D. C. | 2511 14th Street, N. W. |
| Dillon, Clare | Md. | The Portner, Apt. 261. |
| Dinkins, Clarence McQueen University of Virginia | S. C. | No. 1, Dupont Circle. |
| *DuBois, George Bache C. E., Lafayette College | D. C. | 2028 16th Street, N. W. |
| Dudley, Denver Layton | Ark. | 1827 Lamont Street. |
| Duncombe, Charles Stewart Stevens Institute of Technology | N. J. | 3905 Legation Street, N. W. |
| Dvoulety, Otto | D. C. | 3179 18th Street, N. W. |
| †Elder, Robert William | Mass. | Marine Barracks, 8th and I Streets, S. E. |
| *Ellis, Alvis Thomas | D. C. | 1603 Massachusetts Avenue, N. W. |
| †Ellsworth, Charles Brewster | D. C. | 3010 R Street, N. W. |

SPECIAL STUDENTS

325

| <i>Name</i> | <i>Legal Residence</i> | <i>Address</i> |
|---|------------------------|---|
| Erickson, Ferdinand University of Utah; George- town University | D. C. | 300 East Capitol Street, Apt. 7. |
| Erskine, Walter Allen A. B., 1907, A. M., 1910, Syracuse University | N. Y. | 152 12th Street, S. E. |
| Feagans, Hazel Halena A. B., 1921, George Washing- ton University | Ind. | 1217 Fairmont Street N. W. |
| Flanery, William Herbert | Ky. | 102 C Street, S. E. |
| †Fleming, Ella Daly Washington College of Law | Mass. | 1005 13th Street, N. W. |
| *Forinas, Simeon Cermeno | P. I. | 2025 Allen Place, N. W. |
| *Geist, Robert Louis C. E., 1917, Kesselaer Poly- technic Institute | Conn. | 1842 Calvert Street. |
| †Goldsborough, Thad R. B. S., 1914, University of Mis- souri | Ohio | 1125 5th Street, N. E. |
| *Gowin, Enoch Burton Ph. B., 1909, University of Wisconsin; Ph. D., 1918, Columbia University | D. C. | Y. M. C. A. |
| *Grabill, Lee R., Jr. B. S., Washington and Lee University | D. C. | Patent Office. |
| Green, Thomas Henry LL. B., 1915, Boston Univer- sity | Md. | 200 Harvard Street, Glen Echo, Md. |
| Gripp, James Colburn | D. C. | 1832 Lamont Street, N. W. |
| Hackstaff, Teresa Veneziano Columbia University | D. C. | 634 H Street, S. W. |
| *Hanak, Milos University of Vienna | Czecho- slovakia | 1426 M Street, N. W. |
| Hansen, Joseph Benjamin | Ill. | 3618 10th Street, N. W. |
| †Harris, Winder Russell | D. C. | Apt. 107, 3800 14th Street, N. W. |
| †Hedlund, William Theodore B. S., Massachusetts Institute of Technology | Mass. | Division 18, Patent Office. |
| Hillix, Albert Ficklin A. B., 1920, Missouri Univer- sity; St. Joseph Law School | Mo. | Y. M. C. A. |
| Hitt, Moultrie | Ga. | 1657 31st Street, N. W. |
| Hooker, William Anson B. S., 1899, Massachusetts Ag- ricultural College | Mass. | 19 Pine Avenue, Takoma Park. |
| †Horany, Eddie E. | Okla. | 2816 13th Street, N. W. |
| †Hummer, Aubrey Eugene A. B., 1921, George Washing- ton University; Carnegie In- stitute of Technology | D. C. | 1237 Kenyon Street, N. W. |
| †Hyde, Eugene Willard Cumberland University; Wash- ington and Lee University | Tenn. | 3320 16th Street, N. W. |
| Jackson, Mamie University of Texas; Univer- sity of California | Tex. | 1112 Lamont Street, N. W. |
| †Jetton, Girard Renel Georgetown University | N. C. | Income Tax Unit, 15th and Ohio Avenue. |
| Kephart, Calvin Ira B. S., 1913, University of Cali- fornia; Y. M. C. A. Law School; Hamilton College | Oreg. | No. 4 Iowa Circle, N. W. |
| Kless, Murray Sigmund University of Pennsylvania | Pa. | 138 Senate Office Bldg. |

| Name | Legal Residence | Address |
|--|-----------------|------------------------------------|
| Kirk, Mabel | Ohio | 244 T-U Government Hotels. |
| †Kissinger, Evelyn | D. C. | 3401 16th Street, N. W. |
| Kite, Samuel Ernest, Jr. | D. C. | 1514 K Street, N. W. |
| †Kunzelmann, Louis | D. C. | 914 H Street, N. E. |
| George Washington University | | |
| Lake, Russell Brackett | Mass. | 1842 Calvert Street, N. W. |
| Larkin, Sallie Norvell | Va. | 1721 Corcoran Street, N. W. |
| Laughran, Patrick N. | D. C. | Mills Bldg. |
| Lavender, William Davidson | Ala. | 1810 K Street, N. W. |
| A. B., Virginia Military Institute | | |
| Laycock, Harry Garland | D. C. | 418 12th Street, N. W. |
| †Lea, Elizabeth Overton | D. C. | 1824 23rd Street, N. W. |
| Lee, Richard Henry | Va. | 1600 Rhode Island Ave., N. W. |
| Lehman, Lloyd Wilbur | Ill. | 1715 Massachusetts Ave., N. W. |
| University of Illinois | | |
| Lindner, Edward Thomas | Alaska | 1440 Meridian Place, Apt. 4. |
| *Loring, Charles | D. C. | Apt. 404, The Congressional. |
| University of Minnesota | | |
| *†Mahood, Charles Decatur | W. Va. | 1746 K Street, N. W. |
| University of Virginia | | |
| Manago, Faustino | P. I. | 1824 L Street, N. W. |
| LL. B., 1915, University of the Philippines; LL. M., 1921, University of Michigan | | |
| *Mann, Earl Elmer | Mass. | Room 175, Patent Office. |
| †Matthews, Annabel | Ga. | Cavanaugh Courts, 17th and Church. |
| University of Tennessee; Washington College of Law | | |
| †Mellen, James William | Ind. | 635 F Street, N. W. |
| Miller, Will R. | Va. | 3050 P Street, N. W. |
| Mills, Eddie Lance | Tex. | 2121 F Street, N. W. |
| A. B., 1920, George Washington University | | |
| Muse, John William | D. C. | 600 Massachusetts Ave., N. W. |
| Mussman, Michael Angelo | Pa. | Y. M. C. A. |
| A. B., 1921, George Washington University | | |
| *McIntosh, Daniel Caldwell | Fla. | 221 E. Capitol Street. |
| McLaine, Warren | D. C. | 1540 17th Street, N. W. |
| LL. B., Washington College of Law | | |
| McMullen, Joseph Irving | Calif. | 751 Princeton Street, N. W. |
| University of Vermont; Stanford University | | |
| Nakayama, Shoitchi | Japan | 1810 N Street, N. W. |
| Imperial University, Kyoto, Japan | | |
| Nelson, LeRoy Walter | Neb. | Internal Revenue. |
| George Washington University | | |
| *Nessy, Mirko | Czecho-Slovakia | 1527 O Street, N. W. |
| Norton, Robert Ames | Ohio | 911 Jefferson Street, N. W. |
| A. B., 1918, LL. B., 1921, Yale University | | |
| †O'Brien, Francis P. | Md. | 1332 Eye Street, N. W. |
| National University Law School | | |
| Pangle, James Lee | N. Y. | 225 6th Street, N. E. |
| University of Chicago; LL. B., 1910, Lincoln-Jefferson University | | |
| Parks, Ethel Mae | D. C. | 1801 Irving Street, N. W. |
| Paul, Alice | N. J. | 25 1st Street, N. E. |
| A. B., 1905, Swarthmore College; A. M., 1907, Ph. D., 1912, University of Pennsylvania | | |

SPECIAL STUDENTS

327

| Name | Legal Residence | Address |
|---|--------------------|--|
| †Pease, Henry B. LL. B., University of Georgia; Georgetown University | D. C. | 3320 16th Street N. W. |
| Perlin, Bernadette Serena Washington College of Law | Md. | 1418 M Street, N. W. |
| Peters, Katherine | Md. | 1426 21st Street, N. W. |
| Phifer, Eugene Hines | D. C. | 1927 Summit Place, N. E. |
| Phillips, Harry Ressler B. S. in C. E., 1911, Washing- ton and Lee University | W. Va. | 1523 L Street, N. W. |
| *Powers, Caleb State University of Kentucky; Valparaiso University; Cen- tre College, Kentucky | Ky. | 1414 Massachusetts Avenue S. E. |
| Proud, Hazel Kate | Wis. | 1820 K Street, N. W., Apt. 22. |
| Reading, Joseph Gassaway B. S. in E. E., 1921, University of Maryland | Md. | Room 217, Treasury Bldg. |
| Rhodes, Thomas Everett National Law School | D. C. | 1741 G Street, N. W. |
| Richardson, Robert W. | D. C. | The Portner. |
| †Riggs, Louise | D. C. | 1787 Corcoran Street. |
| †Robinson, Carl Webster B. S., Colby College | N. H. | 1321 Belmont Street, Apt. 28. |
| †*Robinson, Lee Morgan | Md. | 1515 30th Street, N. W. |
| *Rogers, Casie Prescott | D. C. | Marine Barracks. |
| *Rowley, Lorel Bowling | Wis. | 5005 13th Street, N. W. |
| Rue, Matthew Lawrence Richmond College | Md. | Apt. 308, E. Clifton Terrace, N. W. |
| Russell, James Townsend, Jr. | Pa. | 3440 Woodley Road. |
| Sandlin, John Nicholas, Jr. Louisiana State University | La. | 424 E. Capitol Street. |
| Saulsbury, Annie Miles Ph. B., 1897, Dickinson Col- lege | Del. | Somerset Apts., 16th and 1 Streets, N. W. |
| Schmidt, Harvey William | Tex. | 917 18th Street, N. W. |
| *Schooler, Yvette Betty | D. C. | 622 4½ Street, S. W. |
| Sellers, William LeRoy Mercer University Law School | D. C. | 1816 New Hampshire Avenue, N. W. |
| †Smith, Clarke Kendrick University of Georgia | Ga. | Highlands, Apt. No. 703. |
| *Spencer, Thomas Marshall | Va. | 2111 Bancroft Place, N. W. |
| †Sprinkle, Marie Simpson College; Drake Uni- versity; Highland Park Col- lege; Oberlin College | Mont. | The Chastleton Apts. |
| Stephenson, Harold Robert | Iowa | 507 Stanton Place, N. E. |
| Thompson, Claude Alexander | Va. | Apt. 2, 1321 Belmont Street, N. W. |
| *Tucker, Charles Francis | Tex. | 1100 Vermont Avenue. |
| Tulloss, Stuart Bywaters National University Law School | Va. | 1606 K Street, N. W. |
| Turley, Jay Oregon Agricultural College; University of Texas | D. C. | 945 Munsey Bldg. |
| †Umhau, John Bernard | D. C. | 235 Rhode Island Avenue, N. W. |
| *Ventura, Mario | Md. | Hyattsville, Md. |
| Weiss, Phil Jacob University of Washington | Wash. | Navy Department, Naval Op- erations, |
| Welliver, Edward Morrison Johns Hopkins University; Washington and Lee Univer- sity | Md. | Rockville, Md., Box 33. |
| Wells, Ralph Andrew | Mass. | 1829 19th Street, N. W. |
| Williams, Ida Gordon | Ohio | Income Tax Unit—Internal Revenue. |
| Winfield, Kenneth Joseph | D. C. | 1227 15th Street, N. W. |
| *Worthington, George Bennett George Washington University | Ala. | 1217 Otis Place, N. W. |

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

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| Colorado | 4 | Oklahoma | 19 |
| Connecticut | 14 | Oregon | 2 |
| Delaware | 3 | Pennsylvania | 60 |
| Florida | 5 | Rhode Island | 3 |
| Georgia | 17 | South Carolina | 9 |
| Idaho | 6 | South Dakota | 7 |
| Illinois | 34 | Tennessee | 16 |
| Indiana | 22 | Texas | 21 |
| Iowa | 25 | Utah | 19 |
| Kansas | 13 | Vermont | 3 |
| Kentucky | 16 | Virginia | 67 |
| Louisiana | 9 | Washington | 4 |
| Maine | 7 | West Virginia | 20 |
| Maryland | 49 | Wisconsin | 13 |
| Massachusetts | 30 | Wyoming | 5 |
| Michigan | 11 | Alaska | 1 |
| Minnesota | 15 | District of Columbia | 270 |
| Mississippi | 5 | Hawaii | 1 |
| Missouri | 19 | Philippines | 7 |
| Montana | 4 | Italy | 1 |
| Nebraska | 6 | Japan | 2 |
| Nevada | 2 | Mexico | 1 |
| New Hampshire | 4 | China | 2 |
| New Jersey | 18 | Czecho-Slovakia | 2 |
| New Mexico | 1 | Porto Rico | 1 |
| New York | 51 | Honduras | 1 |

**STUDENTS ATTENDING SUMMER SCHOOL, 1921,
WHO DID NOT REGISTER FOR THE
YEAR 1921-1922**

| | |
|---------------------------|--|
| Allman, John Bradie | 722 18th Street, N. W. |
| Anderson, Myron Sallee | Apt. 34, 1440 W Street, N. W. |
| Baruch, Herbert | 616 Irving Street, N. W. |
| Bauer, Emma Barbara | Government Hotel |
| Beauchesne, John Moise | 1600 Rhode Island Avenue, N. W. |
| Belda, Francisco Maximo | Y. M. C. A. |
| Brubaker, Herbert Craig | 310 C Street, N. W. |
| Budge, Drew William | 1335 Connecticut Avenue, N. W. |
| Cain, Joseph Lambert | 1025 15th Street, N. W. |
| Cain, Lawrence Ward | 1335 Connecticut Avenue, N. W. |
| Campbell, Jacob Ernest | Salem, West Virginia |
| Carvell, Richard | No. 1 Dupont Circle |
| Chapman, Emmett A. | 2106 F Street, N. W. |
| Collum, Edward John | 437 Massachusetts Avenue |
| Conley, Patrick Joseph | 1101 P Street, N. W. |
| Conroy, J. Robert | 1600 Rhode Island Avenue |
| Costello, Eugene Aloysius | 240 Thomas Street |
| Courtney, Patrick Joseph | 600 G Street, N. W. |
| Damrell, Capelle Hull | 42 Eye Street, N. W. |
| DeCourcy, Harold | 1335 Connecticut Avenue |
| DeLane, Louis | 615 5th Street, N. W. |
| DeLauter, Caleb Upton | 2800 13th Street, N. W. |
| Diggs, Edward Ross, Jr. | 1336 Eye Street, N. W. |
| Dockery, Joseph Harry | 1740 F Street, N. W. |
| Doran, James Lighton | 519 L Street, N. W. |
| Dorr, Julian Childs | 730 17th Street, N. W. |
| Dunn, James Joseph | 1018 14th Street, N. W. |
| Durnan, James Joseph | 1300 Massachusetts Avenue, N. W. |
| Eichelberger, Edward Gray | 1335 Connecticut Avenue, N. W. |
| Ewerz, Robert Ray | 1476 Clifton Street |
| Flaherty, Paul B. | 3613 Wisconsin Avenue |
| Foley, Francis Edward | 1600 Rhode Island Avenue, N. W. |
| Foley, Joseph Patrick | 1028 16th Street, N. W. |
| Foose, Alphonse Maurice | |
| Frankham, Markley | Dept. of Justice, care Charles R. Frankham |
| Frawley, Edward George | 1414 V Street, N. W. |
| Gillis, Frederick James | 1335 Connecticut Avenue, N. W. |
| Glenn, James Arthur | House Office Building |
| Goldberg, Saul | 709 8th Street, N. W. |
| Goode, Henry Grady | 1634 19th Street, N. W. |
| Grissom, Ralph Everett | 1600 Rhode Island Avenue, N. E. |
| Halpin, Joseph Thomas | 1219 11th Street, N. W. |
| Hand, James Paul | 2 17th Street, S. E. |
| Hayes, LaVerne Mechem | 1715 Massachusetts Avenue, N. W. |
| Hearne, Alva Orlando | Marine Barracks, 8th and G Sts, S. E. |
| Henson, Burton G. | 110 Second Street, S. E. |

| | |
|--------------------------------|---------------------------------|
| Hester, Clinton Monroe | 517 6th Street, N. W. |
| Hester, Ewart Atkins | 1748 M Street, N. W. |
| Higley, Frank Raymond | Patent Office |
| Hogan, Richard Grant | 3051 N Street, N. W. |
| Holland, Herbert Homer | 1600 Rhode Island Avenue |
| Hummer, Hiram Walter | 1120 13th Street, N. W. |
| Hunt, George L. | 1600 Rhode Island Avenue |
| Hyde, Edwin Phillip | 1600 Rhode Island Avenue, N. W. |
| James, Lawrence Wesley | 1843 47th Place, N. W. |
| Johnson, William Eugene | |
| Jones, Towner Francis | 2538 Wisconsin Avenue, N. W. |
| Kane, Norman Edward | 2030 16th Street, N. W. |
| Kelly, Bernard Edmund | 115 3rd Street, N. E. |
| Kelly, Harold Edward | 1600 Rhode Island Avenue |
| Kenkel, Anthony Bonaventure | 18 14th Street, N. E. |
| Latham, Livingstone | 717 10th Street, N. W. |
| Lovelace, John Melvin | |
| Macdonald, Charles A. | 1414 V Street, N. W. |
| Mackey, Manly Odelle | 1801 K Street, N. W. |
| Manning, Raphael Andrew | 1335 Connecticut Avenue, N. W. |
| Mara, Edwin Manning | 109 Carroll Street, S. E. |
| Marifjeren, Severt Johann | 1102 L Street, N. W. |
| Marthiljohni, Edward Louis | 1432 New York Avenue, N. W. |
| Mersch, Victor Sylvester | 3600 13th Street, N. W. |
| Miller, Abraham | 1425 T Street, N. W. |
| Miller, Ralph Francis | 338 Maryland Avenue, N. E. |
| Montgomery, Thomas | Riverdale, Md. |
| Moore, Clarence Edward | 1812 Vernon St., Apt. 42 |
| McAvoy, Arthur Thomas | 318 C Street, N. W. |
| McCarthy, Michael Daniel | 1005 8th Street, N. W. |
| McCullough, Patrick Edward | 2544 14th Street, N. W. |
| McDermott, Charles Paul | 1018 14th Street, N. W. |
| McOsker, Fergus James | 515 East Capitol Street |
| Napier, John Hawkins | Y. M. C. A. |
| Nolan, John Thomas | 2311 1st Street, N. W. |
| Nye, Ernest Hoel | 1715 North Capitol Street |
| Nye, John Aaron | Y. M. C. A. |
| O'Brien, Joseph F. | 1414 V Street, N. W. |
| Orr, William | |
| Pagen, John Lawrence | 1726 M Street, N. W. |
| Parker, Lucile | 3137 19th Street, N. W. |
| Parker, William Franklin | 1733 N Street, N. W. |
| Paull, Lloyd D. T. | 1111 14th Street, N. W. |
| Perreault, John Baptist Alfred | 1826 H Street, N. W. |
| Poirier, Antonio Joseph | 1205 Rhode Island Avenue, N. W. |
| Pollard, William George, Jr. | 1600 Rhode Island Avenue, N. W. |
| Pyles, Richard A. W. | Senate Office Building |
| Raege, Herman Henry | 534 Woodward Building |
| Read, William Franklin | 511 2nd Street, S. E. |

| | |
|-------------------------------|------------------------------------|
| Redfield, James Gilbert | 531 18th Street, N. W. |
| Reuter, Elmer William | 615 22nd Street, N. W. |
| Santmyers, Reigart Meredith | 1254 Girard Street, N. E. |
| Saunders, Oswald Hurtt | 2400 16th Street, N. W. |
| Schnitzer, Julius | 1300 Massachusetts Avenue, N. W. |
| Schuder, Rollie Milton | 1740 F Street, N. W. |
| Shanahan, John Joseph | 1337 15th Street, N. W. |
| Shepherd, Alexander Roly, Jr. | Hammond Court Apt., 30th and Q |
| Shipe, Archie K. | 1634 Columbia Road |
| Sims, Enid | 2139 Wyoming Avenue |
| Skapiak, Anthony N. | 811 13th Street, N. W. |
| Smith, John Aloysius | 1731 S Street, N. W., Apt. 4 |
| Smith, Robert Monroe | George Washington Inn |
| Sorensen, Harry | 1335 Connecticut Avenue, N. W. |
| Spaulding, Thomas W. | 4807 Iowa Avenue, N. W. |
| Steintorf, Paul Prentiss | 1335 Connecticut Avenue, N. W. |
| Stewart, Frank Montgomery | 1759 P Street, N. W. |
| Stewart, John Edwin | 1321 Rhode Island Avenue, N. W. |
| Tappy, Thomas Newton | 321½ 11th Street, S. W. |
| Teunis, John Ralph | 1404 New York Avenue |
| Thompson, Oscar Adolphus | 1023 15th Street, N. W. |
| Uglow, Kenneth Marion | 1808 Massachusetts Avenue, N. W. |
| Walker, Mitchell Porter | 2650 Wisconsin Avenue |
| Watkins, Charles Hurd | 1740 F Street, N. W. |
| West, Ralph Phelps | 1720 Euclid Street |
| White, Ivan Jones | 334 The Portner, 15th and You Sts. |
| Wright, William Peyton | 1600 Rhode Island Avenue, N. W. |
| Yokum, Carl Madison | 1300 Fairmont Street, N. W. |
| Young, Galen Snow | |

COLLEGES REPRESENTED BY GRADUATES

| | | | |
|----------------------------------|----|-------------------------------------|----|
| Albion College | 1 | Maryland University | 1 |
| University of Arkansas | 5 | Massachusetts Agricultural | |
| Belmont Abbey College | 1 | College | 1 |
| Bethany College | 1 | Massachusetts Institute of | |
| Bowdoin College | 1 | Technology | 7 |
| Brigham Young University | 1 | Miami University | 1 |
| Brown University | 1 | University of Michigan | 8 |
| Bucknell University | 1 | Millikin University | 1 |
| University of California | 3 | University of Minnesota | 1 |
| Catholic University | 1 | Mississippi Industrial Insti- | |
| Central University of Iowa | 1 | tute and College | 2 |
| Centre College of Kentucky | 1 | University of Missouri | 6 |
| University of Chattanooga | 1 | Missouri Wesleyan College | 1 |
| University of Chicago | 3 | University of Montana | 1 |
| University of Cincinnati | 2 | Mount Saint Mary's | 1 |
| Citadel, South Carolina | 1 | University of Nanking, China | 1 |
| College of the City of New | | University of Nebraska | 1 |
| York | 1 | Newberry College | 1 |
| Clemson Agricultural Col- | | University of North Carolina | 1 |
| lege | 2 | University of North Dakota | 1 |
| Colby College | 2 | Ohio State University | 3 |
| University of Colorado | 2 | Park College | 1 |
| Columbia University | 4 | University of Pennsylvania | 8 |
| Cornell University | 2 | Pennsylvania State College | 3 |
| Dartmouth College | 2 | Philadelphia College of | |
| Davidson College | 1 | Pharmacy | 1 |
| Denison University | 1 | University of the Philippines | 1 |
| University of Denver | 2 | Pittsburgh University | 1 |
| Dickinson College | 5 | Princeton University | 3 |
| Earlham College | 2 | Purdue University | 3 |
| Emory and Henry College | 1 | Radcliffe College | 1 |
| Fairmont College | 1 | Randolph-Macon College | 2 |
| University of Florida | 1 | Rensselaer Polytechnic In- | |
| Franklin and Marshall | 1 | stitute | 4 |
| George Washington Uni- | | University of Rochester | 1 |
| versity | 34 | Shorter College | 1 |
| Georgetown University | 1 | Stevens Institute of Tech- | |
| University of Georgia | 1 | nology | 1 |
| Goucher College | 3 | Swarthmore College | 2 |
| Grinnell College | 1 | Syracuse University | 4 |
| Harvard University | 5 | University of Tennessee | 1 |
| Hiram College | 1 | University of Texas | 1 |
| University of Illinois | 1 | Trinity College | 1 |
| University of Indiana | 2 | United States Naval Acad- | |
| Iowa State College | 1 | emy | 11 |
| University of Iowa | 1 | Union University | 2 |
| Johns Hopkins University | 1 | University of Utah | 1 |
| University of Kansas | 2 | Valparaiso University | 1 |
| Lafayette College | 2 | Vanderbilt University | 2 |
| Lehigh University | 2 | Vassar College | 3 |
| Louisiana State University | 1 | University of Vermont | 1 |

COLLEGES REPRESENTED

333

| | | | |
|----------------------------------|---|------------------------------|-----|
| Virginia Military Institute..... | 1 | Women's College, Richmond, | |
| University of Virginia..... | 3 | Virginia | 1 |
| Virginia Polytechnic Insti- | | Worcester Polytechnic Insti- | |
| tute | 1 | tute | 2 |
| Washington and Lee Uni- | | Yale University | 4 |
| versity | 3 | | |
| Wellesley College | 2 | Total | 240 |
| Wesleyan University | 1 | | |
| Western Maryland Univer- | | Counted more than once..... | 11 |
| sity | 2 | Number of college gradu- | |
| West Virginia University..... | 1 | ates | 229 |
| William and Mary College..... | 2 | Number of colleges repre- | |
| University of Wisconsin..... | 3 | sented | 105 |

SUMMARY

Candidates for Degree of Bachelor of Laws:

| | 1921-1922 | 1920-1921 |
|--|-----------|-----------|
| First Year | 439 | 383 |
| Second Year | 241 | 243 |
| Third Year | 200 | 96 |
| Total | 880 | 722 |
| Candidates for Degree of Master of Laws..... | 36 | 39 |
| Total | 916 | 761 |
| Counted twice | 3 | 6 |
| Total candidates for Degrees..... | 913 | 755 |
| Special students..... | 131 | 143 |
| Total | 1044 | 898 |
| Counted twice | | 1 |
| Total | 1044 | 897 |
| Students in Summer School 1921 whose | | |
| names are not included for year 1921-22 | 124 | |
| Total All Students..... | 1168 | 897 |

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

| | | | |
|----------------------|-----|----------------------------|------|
| Alabama | 40 | Tennessee | 43 |
| Arizona | 2 | Texas | 67 |
| Arkansas | 24 | Utah | 42 |
| California | 32 | Vermont | 14 |
| Colorado | 24 | Virginia | 309 |
| Connecticut | 37 | Washington | 14 |
| Delaware | 11 | West Virginia | 55 |
| Florida | 13 | Wisconsin | 43 |
| Georgia | 45 | Wyoming | 8 |
| Idaho | 12 | District of Columbia | 1966 |
| Illinois | 118 | Alaska | 1 |
| Indiana | 93 | Argentina | 1 |
| Iowa | 87 | Canada | 2 |
| Kansas | 46 | China | 17 |
| Kentucky | 45 | Colombia | 1 |
| Louisiana | 19 | Cuba | 2 |
| Maine | 19 | Czecho-Slovakia | 2 |
| Maryland | 245 | Egypt | 4 |
| Massachusetts | 102 | England | 4 |
| Michigan | 51 | Greece | 2 |
| Minnesota | 44 | Hawaii | 3 |
| Mississippi | 30 | Honduras | 1 |
| Missouri | 80 | Italy | 3 |
| Montana | 5 | Japan | 5 |
| Nebraska | 28 | Korea | 2 |
| Nevada | 3 | Lithuania | 1 |
| New Hampshire | 18 | Mexico | 2 |
| New Jersey | 60 | Netherlands | 1 |
| New Mexico | 2 | Panama | 1 |
| New York | 202 | Peru | 2 |
| North Carolina | 61 | Philippines | 18 |
| North Dakota | 20 | Poland | 1 |
| Ohio | 120 | Porto Rico | 17 |
| Oklahoma | 39 | Russia | 4 |
| Oregon | 7 | Siam | 1 |
| Pennsylvania | 227 | Sweden | 1 |
| Rhode Island | 10 | Switzerland | 1 |
| South Carolina | 19 | Scotland | 2 |
| South Dakota | 20 | | |

GENERAL SUMMARY

TEACHING STAFF

In many instances members of the Teaching Staff only give part time to the University:

| | |
|------------------------------------|-------|
| Professors | 86 |
| Associate Professors | 23 |
| Assistant Professors | 22 |
| Associates | 18 |
| Lecturers and Instructors | 78 |
| Assistants and Demonstrators | 61 |
| Total | — 288 |

STUDENTS REGISTERED IN THE UNIVERSITY DURING 1921-22

Department of Arts and Sciences

| | |
|----------------------------------|--------|
| School of Graduate Studies | 320 |
| Columbian College | 2183 |
| College of Engineering | 545 |
| Teachers College | 367 |
| | — 3415 |

Professional Schools

| | |
|---------------------------|--------|
| Medical School | 151 |
| Law School | 1045 |
| College of Pharmacy | 21 |
| | — 1217 |

| | |
|------------------|--------|
| Total | 4632 |
| Duplicates | 87 |
| | — 4545 |

Summer School, 1921

| | |
|--|----------|
| Summer School, Arts and Sciences | 857 |
| Summer School, Law, First Session | 418 |
| Summer School, Law, Second Session | 251 669 |
| | — — 1526 |

COMMENCEMENT, 1921

HONORARY DEGREES

Doctor of Philosophy

- CARL D. GARBY.....Idaho
B. S., in Ch. Eng., 1914, University of Idaho.
RAYMOND WEST WOODWARD.....Connecticut
B. S., 1914; M. S., 1915, Trinity College.

Master of Arts

- LEILA MECHLIN
NORTH OVERTON MESSENGER

Doctor of Divinity

- WILLIAM LEVERING DEVRIES

Doctor of Humane Letters

- THOMAS EDWIN BROWN
JAMES SOUTHWORTH PARKER

Doctor of Laws

- EUGENE CLARENCE AIKEN
MELVILLE CHURCH
STEPHEN WALLACE DEMPSEY
STEPHEN TYNG MATHER
FRANK WHEELER MONDELL
JOHN GARLAND POLLARD
AUGUSTUS STORRS WORTHINGTON
JUAN RIANO Y GAYANGOS

Master of Arts

- HORACE G. BRUBAKER.....Ohio
A. B., 1916, Hillsdale College.
FRANCES MOON BUTTS.....Virginia
(With Master's Diploma in Education.)
A. B., 1919, George Washington University.
DOLLY MARTHENA CALLAHAN.....Virginia
A. B., 1919, George Washington University.
ELMA B. CARR.....Kentucky
A. B., 1920, George Washington University.
ROBERT CLINTON DANIEL.....Virginia
A. B., 1909, Virginia Christian College.

- JAMES ORR DENBY.....District of Columbia
A. B., 1920, Princeton University.
- ELIZABETH GRIEVE FERGUSON.....Georgia
A. B., 1919, Randolph-Macon Women's College.
- EDWARD IRVING FULTON.....Kentucky
A. B., 1916, Centre College of Kentucky.
- ALEXANDRA LOUISE GALESKI.....District of Columbia
(With Master's Diploma in Education.)
A. B., 1918, George Washington University.
- LEMUEL EUGENE GREENE.....District of Columbia
LL. B., 1915, Georgetown University;
A. B., 1920, George Washington University.
- LAURA PYWELL HESTER.....Virginia
A. B., 1919, George Washington University.
- MOUR HSU.....China
A. B., 1913, Nanyang College;
LL. B., 1917, Pei-Yang University.
- HARVEY EARL KAUFFMAN.....Pennsylvania
A. B., 1920, George Washington University.
- ALEXANDER AZIZ KOORIE.....New Jersey
A. B., 1916, Franklin and Marshall College.
- GABRIEL KUPJIAN.....New York
(With Bachelor's Diploma in Education.)
A. B., 1920, Washington Missionary College.
- FREDERICK ALOYSIUS NORTON.....Massachusetts
B. S., 1919, as of 1918, Harvard University.
- FRANCIS CORE REYNOLDS.....District of Columbia
A. B., 1919, George Washington University.
- CECIL LYLEL ROSS.....District of Columbia
(With Master's Diploma in Education.)
A. B., 1918, Washington Missionary College.
- MILDRED MIRIAM SHAUWECKER.....Ohio
B. S., 1918, Ohio State University;
A. B., 1920, George Washington University.
- FIOLA LAKE SHEPARD.....Ohio
A. B., 1919, Ohio University.
- MAURICE MERLE SMITH.....Oklahoma
A. B., 1920, George Washington University.
- CHAO-KUEI SZE.....China
A. B., 1912, LL. B., 1917, Pei-Yang University.
- LOIS EMMA PIERCE WILLIS.....District of Columbia
A. B., 1917, George Washington University.

ERNEST E. YEATON.....Maine
Ph. B., 1914, Brown University.

Master of Science

TOMAS CAJIGAS.....District of Columbia
M. D., 1918; B. S., 1919, George Washington University.
DORIS MABLE COCHRAN.....District of Columbia
A. B., 1920, George Washington University.
ELIZABETH ORLAN CULLEN.....District of Columbia
A. B., 1918, George Washington University.
JAMES ROY ECKMAN.....Pennsylvania
A. B., 1910, University of West Virginia;
A. M., 1917, Harvard University.
LEIGH T. GILTNER.....New York
D. V. M., 1906, Cornell University.
JAMES IRVING HOFFMAN.....Pennsylvania
A. B., 1918, Franklin and Marshall College.
JANE SALOME HROMATKO.....Iowa
A. B., 1918, Coe College.
GEORGE KERNOHAN.....Virginia
D. V. M., 1912, Kansas State Agricultural College.
GEORGE FRANKLIN MOULTON.....Illinois
A. B., 1920, George Washington University.
BENJAMIN HARRISON SMITH.....Indiana
A. B., 1917, Wabash College, Indiana.
MEYER WEINSTEIN.....District of Columbia
B. S., 1920, George Washington University.

Mechanical Engineer

ROYAL HAINES HEALD.....District of Columbia
B. S., in M. E., 1919, George Washington University.

Bachelor of Arts

ROBERT NELSON ANDERSON (With distinction).....Virginia
ROSEMARY ARNOLD.....District of Columbia
WILLIAM MCCORMICK BALLINGER.....District of Columbia
HENRIETTA BEHREND.....District of Columbia
ROBERT JOSEPH BOSWORTH (With distinction).....District of Columbia
MARY MACKINDAY BRADLEY (With distinction).....Georgia
JOSEPH LEON CAMPUS.....New York
TILMAN BETHEL CANTRELL.....Illinois
DENVER DARRELL COLEMAN.....Ohio
DANIEL STICKNEY COOMBS.....Nebraska
EARLE JAY DRUMMOND.....Ohio

| | |
|---|----------------------|
| MAURICE MATTHEW DUFFY..... | Washington |
| BEATRICE LOUISE DURYEA..... | New York |
| WALLACE D. EDINTON..... | District of Columbia |
| JOHN PLUMMER ELLIOTT..... | Maryland |
| CHARLES FRANCIS FOLEY..... | Pennsylvania |
| MARIE ESTELLE GIBBON..... | Virginia |
| CLARENCE MORTIMER GODFREY..... | District of Columbia |
| RALPH A. GRAVES..... | Georgia |
| ALEXANDER WHITE GREGG..... | Texas |
| HERBERT ROBERT GROSSMAN (With distinction)..... | Kentucky |
| DOROTHY STIEFEL GUITERMAN (With dist'n)..... | New York |
| ROSAMOND FRANCIS HARVEY..... | District of Columbia |
| GEORGE SANDS HASTINGS..... | District of Columbia |
| JAMES CHANDLER HATCHER..... | Alabama |
| WILLIAM PRESTON HAYNES..... | Kentucky |
| WINSTON RIVES HAYNES..... | Virginia |
| ROBERT BURNS HEALEY..... | New York |
| RUTH MARIE HEDDEN..... | Indiana |
| HERMAN S. HOFFMAN..... | Maryland |
| HELEN REBEKAH HOSFORD..... | Iowa |
| JOSEPHINE MARIE HUBER..... | District of Columbia |
| CHARLES RITCHEY HUFF..... | Minnesota |
| AUBREY EUGENE HUMMER..... | District of Columbia |
| ETHEL MAY JOHNSON..... | Pennsylvania |
| WILLIAM JOSEPH JOHNSON..... | Massachusetts |
| FRANCIS EDGAR JOHNSTON (With distinction)..... | Virginia |
| EVELYN WELLINGTON JONES..... | District of Columbia |
| FRANCIS MARION JONES..... | District of Columbia |
| WILLIAM BINFORD KING..... | Virginia |
| HARRY HAROLD KALUPY..... | Louisiana |
| ELEANOR LANE..... | Virginia |
| PERCY WALBOURNE LEEDUC..... | District of Columbia |
| STUART LEWIS..... | Illinois |
| OSCAR HENRY LINDOW (With distinction)..... | Wisconsin |
| LAURA MADELINE MCCLINTOCK..... | Pennsylvania |
| PHILIP MOWRY MCKENNA..... | District of Columbia |
| LAURETTA MCKENDREE..... | New Hampshire |
| LILLIAN MALONE..... | Virginia |
| CARL FRANCIS MARALDI..... | Massachusetts |
| MARGARET METZEROTH (With distinction)..... | District of Columbia |
| ESTILL ESS NAYLOR..... | Missouri |
| AXEL NELSON..... | North Dakota |
| HARRY WRIGHT NEWMAN..... | District of Columbia |

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|---|----------------------|
| WILLIAM BENEDICT O'CONNELL..... | South Dakota |
| EARL L. PACKER..... | Utah |
| MARIE PAZOUR..... | South Dakota |
| REBECCA PERLMAN (With distinction)..... | District of Columbia |
| WILLIAM WALTER PETERSON..... | Iowa |
| RUTH SUTHERLAND PHILLIPS (With dist'n)..... | District of Columbia |
| CHARLES WALLACE PORTER..... | Ohio |
| OLIVE PRESCOTT..... | District of Columbia |
| THOMAS FULLALOVE PROBEY..... | District of Columbia |
| MAURICE PROTAS..... | District of Columbia |
| JOSEPH P. QUINLAN..... | Massachusetts |
| GEORGE TORREYSON REEVES..... | Virginia |
| NORMAN PHILIP SCALA..... | District of Columbia |
| OTTO AUGUST SCHLOBOHM..... | New York |
| EDGAR LEE SHEFFIELD..... | Idaho |
| MARGARET MARY SMITH..... | Maryland |
| GEORGE BAILLIE SPRINGSTON..... | Ohio |
| MARJORIE SHAW STUART..... | District of Columbia |
| HUGH LEGARE STURGIS..... | Maryland |
| KATHERINE GODFREY SYMMONDS..... | Maryland |
| (With distinction) | |
| ETHEL MARIE VAN NESS..... | New Jersey |
| ANDREW MONROE VLIET..... | Indiana |
| ELIZABETH FLEMING WADDELL..... | Georgia |
| MARTHA LUCY WARING (With distinction)..... | District of Columbia |
| LEE ELLA WARREN..... | District of Columbia |
| MILO RITTER WHITE..... | Indiana |
| RUSSELL IRVING WHYTE..... | District of Columbia |
| ERNEST FRANCIS WILLIAMS..... | District of Columbia |
| VIRGINIA BULLOCK-WILLIS (With distinction)..... | Virginia |
| JOSEPH COPE WIMMER..... | Pennsylvania |

Bachelor of Science in Medicine

| | |
|--------------------------|----------|
| REGENA COOK JOHNSON..... | Maryland |
|--------------------------|----------|

Bachelor of Science in Civil Engineering

| | |
|---------------------------|----------------------|
| ROGER TALBOT BOYDEN..... | Massachusetts |
| DAVID VINCENT STROOP..... | Oregon |
| LOUIS WEBSTER TUROFF..... | District of Columbia |

Bachelor of Science in Electrical Engineering

| | |
|---|----------|
| WALTER FRANK AMAN (With distinction)..... | Maryland |
| ZENO ALVIN BIGGS..... | Maryland |
| JOHN BERNARD BRADY..... | Maryland |

| | |
|--|----------------------|
| STUART JONES MACKEY..... | District of Columbia |
| C. E., 1915, Rensselaer Polytechnic Institute; | |
| LL. B., 1919, George Washington University. | |
| SPENCER BARRETT MICHAEL (With distinction) | District of Columbia |
| FRED EUGENE SHOEMAKER..... | District of Columbia |
| HAROLD ARTHUR SNOW..... | District of Columbia |
| HARRY LEDDEN STRANG..... | District of Columbia |

Bachelor of Science in Chemical Engineering

| | |
|---|----------------------|
| THOMAS ALLAN DAVIS..... | District of Columbia |
| CARL F. KRAFFT..... | Wisconsin |
| FRANK HENRY MARKS..... | District of Columbia |
| GORDON CHASE TIBBITTS..... | District of Columbia |
| JOHN DOMINICK MCCORMICK..... | District of Columbia |
| B. S. in C. E., 1914, C. E., 1915, George Washington University | |

Bachelor of Science in Chemistry

| | |
|--|----------------------|
| BEVERLY LEONIDAS CLARKE..... | District of Columbia |
| (With Distinction) | |
| WALTER CARL FEDDE..... | Colorado |
| JOHN MAHONEY..... | Nebraska |
| ALBERT AUSTIN RILEY..... | Ohio |
| Phar. D., 1916, George Washington University | |
| FRANK ARTHUR SPURR..... | Iowa |
| WILLIAM HENRY TONKIN..... | District of Columbia |
| (With Distinction) | |

Bachelor of Arts and Bachelor's Diploma in Education

| | |
|-------------------------------|----------------------|
| ETTA RECTOR BELL..... | Missouri |
| M. BYRD BELL..... | Texas |
| EDWIN ANSON BERGER..... | Pennsylvania |
| MABEL DAVISON..... | District of Columbia |
| HAZEL HALENA FEAGANS..... | Indiana |
| IDA CARRIE HELEN GAARDER..... | Iowa |
| RUFUS S. GARDNER..... | Virginia |
| CHARLES CARLTON GUILFORD..... | Virginia |
| ELEANORA HENDERSON..... | District of Columbia |
| SADIE ZUNSEN HYMAN..... | District of Columbia |
| (With Distinction) | |
| EDWARD ERROLL IVEY..... | California |
| FRANKLIN JOSEPH JACKSON..... | District of Columbia |
| ETTA HELENE MATTHEWS..... | District of Columbia |
| LOIS HAYDEN MEEK..... | District of Columbia |
| (With Distinction) | |

| | |
|----------------------------------|----------------------|
| CORA JOY MENAUGH..... | District of Columbia |
| BERNADETTE SERENA MICHELSON..... | |
| GEORGE MANSFIELD MOORE..... | Kentucky |
| HARRIET LENORE MURRAY..... | District of Columbia |
| IVADEL ELSIE NEWLOVE..... | North Dakota |
| MERLE WHITE NEWLOVE..... | Illinois |
| HERBERT BARKER NICHOLS..... | Maryland |
| MARGARET ROSE O'BRIEN..... | District of Columbia |
| MATTIE POINDEXTER..... | Kentucky |
| BERNICE DUNNELL RANDALL..... | District of Columbia |
| (With Distinction) | |
| RUTH ELIZABETH REEVES..... | Virginia |
| ANNIE TILLERY RENSHAW..... | Pennsylvania |
| ANNA LOUISA ROAT..... | New York |
| MARY ESTELLE ROSE..... | District of Columbia |
| (With Distinction) | |
| LILLIAN WARFIELD SAGE..... | Maryland |
| PAULINE SCOTT..... | District of Columbia |
| MIRIAM HUGHES SELAH..... | District of Columbia |
| (With Distinction) | |
| MILDRED EVELYN STALLINGS..... | District of Columbia |
| (With Distinction) | |
| ELIZABETH TABB STEWART..... | Virginia |
| CATHERINE MARY TONGE..... | District of Columbia |
| JOHN BERNARD WALSH..... | Montana |
| RENA WOLMAN..... | Maryland |

Doctor of Medicine

| | |
|---|----------------------|
| MEYER LOUIS ALPERT..... | Connecticut |
| WILBUR LORENZO BOWEN..... | Virginia |
| ALFREDO MARIO BRENES..... | Central America |
| A. B., Liceo de Costa Rica | |
| ARTURO CEDILLA..... | Porto Rico |
| HERMAN R. CASTRO..... | Central America |
| A. B., Liceo de Costa Rica | |
| NATHAN JOSHUA EPSTEIN..... | District of Columbia |
| WALTER GEORGE EISINGER, JR..... | District of Columbia |
| FREDERICK ARNOLD FRANKE..... | Utah |
| B. Sc., University of Utah | |
| AUBREY DAVID FISCHER..... | District of Columbia |
| JOSEPH BURTON GLENN..... | District of Columbia |
| MAURICE HART HERZMARK..... | District of Columbia |
| A. B., 1918, George Washington University | |

| | |
|--|----------------------|
| IRA JAY HOPKINS..... | Utah |
| A. B., University of Utah | |
| REGENA COOK JOHNSON..... | Maryland |
| RICARDO MARCHENA..... | Central America |
| A. B., Liceo de Costa Rica | |
| CLEMENT BUCHANNAN MASSON..... | New York |
| B. S., Washington Missionary College | |
| LYLE JORDAN MILLAN..... | Virginia |
| JOHN WILLIAM PHILLIPS..... | North Carolina |
| MORRIS JACOB RENNER..... | District of Columbia |
| BENJAMIN LLOYD SLUTSKY..... | Connecticut |
| SIDNEY GAYLORD SONNELAND..... | Nebraska |
| B. Sc., Valparaiso University | |
| HERMAN FRANK STRONGIN..... | District of Columbia |
| Ph. G.; | |
| Ph. C., Columbia University | |
| LYMAN BROOKE TIBBETS..... | District of Columbia |
| Phar. D., 1915, George Washington University | |
| FREDERICK YATES WILLIAMSON..... | North Carolina |
| Phar. D., University of North Carolina | |

Nurses' Certificates

| | |
|---------------------------|----------------|
| MARY C. DIGGS..... | Maryland |
| EDNA GOODE..... | Virginia |
| MARYE KEENEY..... | West Virginia |
| MARY GERTRUDE KEANE..... | Georgia |
| THELMA MELTON..... | West Virginia |
| FRANCES MONG..... | West Virginia |
| LILLIAN MOORE..... | New Jersey |
| CATHERINE PULLIAM..... | Virginia |
| MITTIE SMITH..... | Ohio |
| EDNA SPRECHER..... | West Virginia |
| SALLIE LOUISE VESTAL..... | North Carolina |
| MARY S. WEBSTER..... | Virginia |

Bachelor of Laws

| | |
|---|-------------|
| CHARLES MAURICE BARNES..... | Virginia |
| A. B., 1910, George Washington University | |
| EDWARD JACOB BRUNEKANT..... | California |
| ISMAR BARUCH..... | Connecticut |
| (With Distinction) | |
| Ph. B., 1915, Brown University | |
| A. M., 1916, Princeton University | |
| HOWARD MERLE BROCK..... | Ohio |

| | |
|---|----------------------|
| WILLIAM CAMERON BURTON..... | District of Columbia |
| HARRY JOHN CAMPAIGN..... | Wisconsin |
| ALFRED CERCEO..... | New York |
| THOMAS YOUNG CLARK..... | Indiana |
| B. S., 1918, Earlham College | |
| FRANCIS ARTHUR COLE..... | Iowa |
| ELMER LOGAN CORBIN..... | Illinois |
| JOHN NICHOLAS CRAMER..... | New York |
| CLARENCE MCKINNIE CREWS..... | District of Columbia |
| (With Distinction) | |
| PEARL CROSBY..... | New Jersey |
| NEWELL WINDOM ELLISON..... | Tennessee |
| A. B., 1917, George Washington University | |
| GLENN ENO..... | Indiana |
| CHARLES MILLARD FREY..... | Nebraska |
| A. B., 1917, University of Nebraska | |
| OLIVE EVALYN GEIGER..... | District of Columbia |
| HARRY ARTHUR GILLIS..... | Iowa |
| A. B., 1914, Monmouth College | |
| LEWIS JUDSON GREGG..... | Michigan |
| BRANTLY CALLAWAY HARRIS..... | Texas |
| (With Distinction) | |
| A. B., 1917, Rice Institute | |
| MARIE ANTOINETTE DOLORES HECHMER..... | West Virginia |
| RALPH EMMETT HEITMULLER..... | District of Columbia |
| DANIEL ERNEST HIGGINS..... | Maine |
| EVERETT GUY HOLT..... | Maine |
| A. B., 1915, Colby College | |
| HERBERT CARL JOHNSON..... | Minnesota |
| WILLIAM MONROE JOHNSON..... | Maryland |
| HAROLD THOMAS KAY..... | Utah |
| A. B., 1920, University of Utah | |
| JAMES FREDERICK KRONENBERG..... | Pennsylvania |
| A. B., 1919, University of California | |
| SAMUEL WINSTON LACY..... | Virginia |
| JOHN RALPH LAFLEUR..... | Maine |
| B. S., 1915, Colby College | |
| NORMAN LINCOLN LANDERS..... | Iowa |
| A. B., 1915, Lenox College | |
| VIVIEN OTTO LEE..... | Oklahoma |
| ROLAND JULIUS LEHMAN..... | Illinois |
| MILTON ANTHONY LEHR..... | Ohio |
| WALTER MCKINLEY LIVINGSTON..... | South Dakota |

| | |
|--|----------------------|
| EDITH LEVAL MARSHALL | Kentucky |
| THOMAS METLER MATHER | South Dakota |
| JESSE CLINTON MILLER | North Dakota |
| JAMES RICHARD MORFORD | Delaware |
| WHITLEY PETERSON MCCOY | West Virginia |
| (With Distinction) | |
| A. B., 1916, Darmouth College | |
| OLLIE ROSCOE MCGUIRE | Louisiana |
| A. B., 1917, A. M., Louisiana State University | |
| JOHN F. LATKO O'LEARY | Wisconsin |
| JACK PADEN | Oklahoma |
| FRANCES ELIZABETH PARK | New York |
| Ph. B., 1910, Syracuse University | |
| EDWARD JOSEPH PEARLOVE | Minnesota |
| JOHN BARTON PHILLIPS | Virginia |
| (With Distinction) | |
| CLIFFORD DAVIS PIERCE | Tennessee |
| FREDA RING | District of Columbia |
| VICTOR JENKINS ROGERS | Kansas |
| ANTHONY OSWALD SHALLNA | Pennsylvania |
| A. B., 1916, Cornell University | |
| HAROLD CALMERS SMITH | Texas |
| HARRY ELIOT SOKOLOV | District of Columbia |
| HENRY ULEN STONE | Missouri |
| ROBERT MONAT UEHREN | Wisconsin |
| EUGENE UNDERWOOD, JR. | Illinois |
| (With Distinction) | |
| A. B., 1919, George Washington University | |
| JOHN DAVID WATKINS | Mississippi |
| (With Distinction) | |
| EMMA ALMA WEGENER | Wisconsin |
| (With Distinction) | |
| ERNEST R. WILLIAMSON | Oregon |
| JOHN JOHNSON WILSON | District of Columbia |
| FRED LEE WOODSON | Missouri |
| HAROLD PAGE WRIGHT | Rhode Island |
| LESLIE BERNARD YOUNG | New York |
| A. B., 1913, Cornell University | |

Master of Laws

| | |
|---|------|
| JOSEPH MORTIMER BRYANT | Utah |
| B. S., 1902, C. E., 1905, Virginia Polytechnic Institute; | |
| LL. B., 1920, George Washington University | |

| | |
|---|----------------------|
| CALVIN CLARKE..... | Kentucky |
| LL. B., 1920, George Washington University | |
| SAMUEL THEODORE HOLMGREN..... | New Hampshire |
| LL. B., 1920, George Washington University | |
| CLIFFORD JAMES MACMILLAN..... | California |
| LL. B., 1920, University of Southern California | |
| ANDREW MARKHUS..... | Idaho |
| A. B., 1919, University of Idaho | |
| LL. B., 1920, George Washington University | |
| FRANK BENNETT MESEKE..... | India |
| Ph. B., 1912, University of Chicago | |
| LL. B., 1920, George Washington University | |
| CLARENCE ALTHA MILLER..... | Pennsylvania |
| LL. B., 1919, George Washington University. | |
| HENRY BASCOM MORROW, JR..... | Tennessee |
| LL. B., 1917, George Washington University | |
| LEIGH LANMAN NETTLETON..... | Utah |
| LL. B., 1912, George Washington University | |
| GEORGE HENRY PALTRIDGE..... | District of Columbia |
| A. B., 1918, George Washington University | |
| LL. B., 1920, George Washington University | |
| JOHN HEZZIE PATTRICK..... | Missouri |
| A. B., and B. S. in Ed., 1912, University of Missouri | |
| LL. B., 1920, George Washington University. | |
| ROBERT PETER..... | Maryland |
| LL. B., 1920, George Washington University | |
| HENRY JEFFERSON RICHARDSON..... | Arkansas |
| LL. B., 1920, George Washington University | |
| FRANCIS HORATIO TEMPLETON..... | North Dakota |
| LL. B., 1916, University of North Dakota | |
| JOHN ABDIEL SMITH..... | Pennsylvania |
| (As of June 3, 1908) | |
| LL. B., 1907, George Washington University | |
| JOHN WILLIAM TOWNSEND..... | Florida |
| LL. B., 1920, George Washington University | |

Doctor of Pharmacy

| | |
|-------------------------------|----------------------|
| WALTER FREDERICK CLAYTON..... | District of Columbia |
| McKINLEY GASSETT..... | Alabama |
| MARCUS F. LYNCH..... | District of Columbia |

FALL CONVOCATION, 1921

Doctor of Philosophy

CARL JOHAN EDWARD LILJENCRAANTS..... District of Columbia
 A. M., 1913, Loyola College; S. T. B., 1915,
 S. T. D., 1918, Catholic University.

Master of Arts

ELIZABETH ANNA WEBER..... North Carolina
 A. B., 1915, George Washington University.

Master of Science

JOHN LEONARD BAER..... Pennsylvania
 A. B., 1920, George Washington University.
 WILLIAM HAZEN..... New York
 B. S., 1913, College of the City of New York.

Bachelor of Arts

WILLIAM CLYDE CANTRELL..... Texas
 WAIVA AILEEN DEAN..... Oregon
 KATHERINE M. DONOVAN..... Washington
 FRANCES ELIZABETH GRAVATT..... Maryland
 GEORGE M. HAVERSTOCK..... Pennsylvania
 ARTHUR LLOYD HIGGINS..... Missouri
 WILLIAM ELIOT HUDMON..... District of Columbia
 ELEANOR CATHERINE JUDD..... District of Columbia
 CONRAD KINYOUN..... District of Columbia
 ISIDORE LATTMAN..... New York
 MORRIS LATTMAN..... New York
 WILLIAM YOUNG CHICK LEE..... Korea
 MICHAEL ANGELO MUSSMAN..... Pennsylvania
 JAMES FRANCIS NOLAN..... New Jersey
 EMMETT JAMES PETERSON..... California
 HOWARD KNOTT SHAW..... New Jersey
 ANNA BOGENHOLM SLOANE..... Sweden
 FORREST DWIGHT STOUT..... Kansas
 HELEN MARGARET WHITE..... District of Columbia
 WILLIAM FRANKLIN WILDER..... New Jersey
 WELLMAN J. WARNER..... California

Bachelor of Science in Civil Engineering

JAMES ALLISON BUCHANAN..... District of Columbia
 (With Distinction)

Bachelor of Arts and Bachelor's Diploma in Education

EDWIN WARFIELD BROOME..... Maryland
 CECIL WILFRED CANTRELL..... Texas
 CORA JOY MENAUGH..... District of Columbia
 BERTHA HOWIE NORRIS..... District of Columbia
 GROVER CLEVELAND YOUNG..... South Dakota

Bachelor's Diploma in Education

HELEN MARIE CECILLA ROSE..... Illinois
 Ph. B., 1919, University of Chicago;
 A. M., 1920, George Washington University.

Doctor of Medicine

RICHMOND JAMES BECK..... Wisconsin
 FRANK DUNN..... New York
 HAROLD FOOR MACHLAN..... District of Columbia
 RAY FREDERICK GUYN..... Virginia

Bachelor of Laws

HARRIET MAY BARBOUR..... Oregon
 CLIFFORD FRANK CORNELL..... Tennessee
 A. B., 1920, Vanderbilt University.
 JOSEPH CONRAD FEHR..... Utah
 ROBERT LEWIS GLASS..... Pennsylvania
 B. S. in E. E., 1913, University of Pittsburgh.
 LEROY WALTER NELSON..... Nebraska
 HARRY R. POOL..... Minnesota
 ETTA LOUISE TAGGART..... District of Columbia
 HOADLEY HORATIO WILLES..... Connecticut

Master of Laws

FRANK BROWN SMITH..... Maryland
 LL. B., 1914, George Washington University.

MIDWINTER CONVOCATION, 1922

Doctor of Philosophy

JAMES WILLIAMS GIDLEY..... District of Columbia
 B. S., 1898, M. S., 1901, Princeton University.

Master of Arts

BERTHA SHANKS CHANEY..... District of Columbia
 B. S., 1896, Union College, Lincoln, Nebraska.
 DANIEL AUGUSTUS DOLLARHIDE..... Arkansas
 A. B., 1916, Henderson-Brown College.
 HENRY WHITE DRAPER..... District of Columbia
 A. B., 1909, George Washington, University.
 MARIE MACMILLAN JONES..... Washington
 A. B., 1920, George Washington University.
 HENRY MORTIMER STEECE..... South Carolina
 B. S., 1913, Louisiana State University.

Master of Science

NATHAN WOOD BASS..... Kansas
 B. S., 1917, Kansas Agricultural College.

Bachelor of Arts

| | |
|---|----------------------|
| MYRTLE FRANCES CAROLYN ALSEEN..... | Minnesota |
| HERMAN ROBIE AMES..... | New Hampshire |
| EDGAR WELLS BECKETT (With Distinction)..... | District of Columbia |
| OWEN BLACK..... | Oklahoma |
| FLORENCE BRANNEN..... | Georgia |
| HARRIET COOPERMAN..... | Iowa |
| MARION JULIA HALLIWELL DROWN..... | District of Columbia |
| MILDRED LOUISE HERBST..... | District of Columbia |
| MABEL D. MARLOWE..... | Oklahoma |
| ANNABELLE WINGATE PHELPS..... | District of Columbia |
| J. FULLER SPOERRI..... | Illinois |
| ROBERT BURT STADLER..... | Texas |
| ERNEST WRIGHT STEPHENS..... | South Dakota |
| ROBERT MITCHELL TAYLOR..... | District of Columbia |
| HOWARD M. TICE..... | Pennsylvania |
| KATHERINE EUGENIA WAITS..... | Mississippi |
| ROBERT V. U. WANG..... | China |
| GEORGES MINCH WEBER..... | District of Columbia |
| GEORGE WEISS..... | Minnesota |
| VIRGIL BROOKS WILEY..... | Delaware |

Bachelor of Science in Medicine

| | |
|--|----------------------|
| ALBERT ELWOOD PAGAN..... | District of Columbia |
| M. D., 1912, George Washington University. | |

Bachelor of Arts and Bachelor's Diploma in Education

| | |
|---------------------|--------------|
| LLOYD FOX LOUX..... | Pennsylvania |
|---------------------|--------------|

Bachelor of Laws

| | |
|--------------------------------|----------------------|
| GEORGE DE BRODES..... | District of Columbia |
| LEONARD GAWTHROP HAGNER..... | Delaware |
| JOSEPH HARRINGTON HAZEN..... | New York |
| RUSSELL JAMES HORSEFIELD..... | Missouri |
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| SAMUEL JOSEPH L'HOMMEDIEU..... | District of Columbia |
| MUNSON HARMON LANE..... | Virginia |
| WILLIAM CAMPBELL LYON..... | Pennsylvania |
| WILLIAM CAMERON MCEACHERN..... | Idaho |
| JAMES JOHN O'BRIEN..... | New York |
| REX ARTHUR PIXLEY..... | Michigan |
| SAMUEL JUDSON ROBERTS..... | District of Columbia |
| RALPH GUNN SUCHER..... | Illinois |

Master of Laws

| | |
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| VIRGINIUS FAISON WILLIAMS..... | North Carolina |
| A. B., 1917, University of North Carolina. | |
| LL. B., 1921, George Washington University. | |

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| ACKER, GEORGE N. (132) | 913 16th St. |
| ACKER, G. N., 2d (138) | 2015 Que St. |
| ALBION, M. S. (15) | 1814 G St., Apt. 1½ |
| ALDEN, L. R. (14) (193) | Union Trust Building. |
| AMES, N. B. (15) | 2033 G St. |
| BARTSCH, P. (13) | National Museum. |
| BASSLER, R. S. (14) | National Museum. |
| BEALE, R. S. (140) | 1318 19th St. |
| BENETEAU, A. M. G. (16) | 1240 Evarts St., Brook- land, D. C. |
| BERNTON, H. S. (134) | 2100 G St. |
| BIBB, A. B. (13) | 2033 G St. |
| BINGMAN, C. E. (140) | 1801 K St. |
| BIRNIE, D. P. (5) | 1711 19th St. |
| BISCHOFF, A. N. | 1435 K St. |
| BOLWELL, R. W. (14) | 3408 Lowell St. |
| BOLTON, B. R. (142) | Episcopal Hospital. |
| BOOTH, N. M. | 2014 G St. |
| BORDEN, D. L. (135) | The Rochambeau. |
| BORDEN, W. C. (132) | 2306 Tracy Place. |
| BOVEE, J. W. (132) | The Rochambeau. |
| BOWEN, W. S. (136) | The Farragut. |
| BRANDENBURG, E. C. (193) | Fendall Building. |
| BREEDING, E. G. (140) | Stoneleigh Court. |
| BRIGHAM, G. R. (15) | The Naples. |
| BROWN, T. B. (14) | 2033 G St. |
| BURCHELL, N. L. (5) | 1325 F St. |
| BUTLER, W. K. (132) | 1207 M St. |
| CAHILL, J. A. (142) | 1940 Biltmore St. |
| CAMPBELL, E. M. (141) | 3103 Mt. Pleasant St. |
| CAJIGAS, TOMAS (135) | 1834 16th St. |
| CARMICHAEL, R. B. (133) | 818 17th St. |
| CARROLL, M. (13) | 1741 New York Ave. |
| CHACE, D. A. (15) | Care Even. Star News Co. |
| CHACE, MRS. D. A. (16) | Care Even. Star News Co. |
| CHENEY, W. L. (14) | 427 Irving St. |
| CHIPMAN, C. N. (137) | 1420 Rhode Island Ave. |
| CHRISTIE, A. C. (134) | 1621 Connecticut Ave. |
| CHURCHILL, G. M. (14) | 505 River R. Bethesda, Md. |
| CLAYTOR, T. A. (136) | 1826 R St. |
| CLEPHANE, W. C. (193) | Wilkins Building. |
| COHEN, L. (14) | 1855 Calvert Place. |
| COLLIER, C. S. (193) | 1435 K St. |
| CONKLIN, C. B. (137) | The Rochambeau. |
| COPELAND, E. P. (137) | The Rockingham. |
| COPPING, J. B. (183) | 1339 H St. |
| CORBY, C. I. (5) | Rockville, Md. |

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| COUTINHO, J. S. (14) | Pan American Union. |
| CROISSANT, D. C. (14) | 1717 Que St. |
| CRUICKSHANKS, B. C. (15) | 3911 13th St. |
| CULLOM, E. (15) | Tokio Apt. House. |
| CULVER, C. W. (139) | 1135 Allison St. |
| DAVIDOVE, E. M. (193) | 1435 K St. |
| DAVIS, H. C. (5) | 1929 18th St. |
| DAVIS, W. T. (134) | 927 Farragut Square. |
| DEFENDORF, J. H. (135) | Garet Park, Md. |
| DEIBERT, A. (16) | 2033 G St. |
| DONALDSON, J. L. (14) | 2100 N St. |
| DONNALLY, H. H. (137) | 1612 Eye St. |
| DOYLE, A. M. (15) | 808 Eye St. |
| DOYLE, H. G. (14) | 5416 33rd St. |
| EARNEST, J. P. (193) | 600 F St. |
| EDGERTON, H. W. (193) | 1435 K St. |
| EDSON, J. J. (5) | 915 F St. |
| EHRMAN, H. A. (15) | 2033 G St. |
| ELDRIDGE, W. W. (139) | St. Elizabeth's Hospital. |
| ELLISON, E. M. (138) | 1720 M St. |
| ERWIN, J. T. (14) | 1819 G St. |
| EVANS, M. B. (15) | 3432 Newark St. |
| FERSON, M. L. (193) | 1435 K St. |
| FILLEBROWN, J. P. (139) | Stoneleigh Court. |
| FLATHER, W. J. (5) | Riggs National Bank. |
| FLEMING, I. (16) | 1504 H St. |
| FOLEY, T. M. (136) | 901 16th St. |
| FOLLETT, E. C. (135) | 826 Kennedy St. |
| FOWLE, F. E. (15) | 2919 Que St. |
| FRANKHAM, C. (193) | 1435 K St. |
| FRANZ, S. I. (13) | St. Elizabeth's Hospital. |
| FRENCH, O. B. (14) | 3420 36th St. |
| FULLER, H. G. (139) | 1844 Columbia Road. |
| GIDDINGS, N. C. (16) | 2033 G St. |
| GLOVER, C. C., JR. (5) | 737 15th St. |
| GORDEN, SPENCER (193) | Union Trust Building. |
| GORE, J. H. (13) | 2210 R St. |
| GRAY, A. C. (140) | Stoneleigh Court. |
| GREENE, S. H. (140) | 1460 Rhode Island Ave. |
| GRIGGS, R. F. (14) | Bethesda, Md. |
| GROOVER, T. A. (135) | 1621 Connecticut Ave. |
| GROSVENOR, G. (5) | Nat'l Geog. Soc. |
| HAGNER, F. R. (133) | The Farragut. |
| HALL, C. L. (134) | 2901 16th St. |
| HALL, G. L. (193) | Wilkins Building. |
| HALL, R. W. (138) | St. Elizabeth's Hospital. |
| HAMILTON, B. (15) | Bureau of Mines. |
| HANKIN, G. (15) | 912 Carroll Ave., Tak. Pk. |
| HENNING, G. N. (13) | 2426 19th St., Apt. 203. |
| HERTLE, L. (5) | Gunston Hall, Lorton, Va. |
| HILL, C. E. (14) (193) | Sycamore St., Tak. Pk., Md. |
| HILL, E. A. (14) | 2246 Cathedral Ave. |
| HITCHCOCK, F. A. (14) | 5205 Wisconsin Ave. |
| HODGKINS, H. G. (14) | 1623 R St. |
| HODGKINS, H. L. (8) | 1821 Kalorama Rd. |
| HOLLINGSWORTH, R. K. (141) | 2017 Nichols Ave. S. E. |

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|--------------------------|---|
| HOPKINS, A. (5) | 1826 Massachusetts Ave. |
| HOPKINS, N. M. (14) | New York City. |
| HOPKINS, T. S. (5) | Hibbs Building. |
| HORGAN, E. J. (138) | Stoneleigh Court. |
| HORNADAY, F. A. (133) | 3509 14th St. |
| HOLMES, C. W. (8) | 2033 G St. |
| HUMPHREYS, W. J. (13) | Weather Bureau. |
| HUNTER, O. B. (133) | 31 E. Oxford St., Chevy Chase. |
| HYDE, C. W. (137) | The Alabama. |
| JACKSON, V. B. (139) | The Kedrick. |
| JENKINS, G. B. (134) | 1639 W St., S. E. |
| JENKINS, W. H. (139) | 1738 M St. |
| JEWETT, C. H. | 1219 K St. |
| JONES, C. K. (15) | 304 Maryland Ave. |
| JORDAN, J. A. (8) | 1435 K St. |
| KALUSOWSKI, H. E. (188) | 808 Eye St. |
| KANE, H. F. (138) | Stoneleigh Court. |
| KAYSER, E. L. (14) | 1908 Eye St. |
| KEARNEY, H. W. (134) | 1229 O St. |
| KEMBLE, A. (138) | The Cecil. |
| KERN, R. R. (14) | The Iowa. |
| KERR, H. H. (136) | 1742 N St. |
| KINCANNON, L. J. (8) | The Elizabeth Somers. |
| KING, W. B. (140) | Virginia Highlands, Va. |
| KING, W. B. (5) | 728 17th St. |
| KNAPP, M. A. (5) | Stoneleigh Court. |
| KNOTT, C. O. (140) | 1006 Eye St., S. E. |
| KOTZ, J. (141) | Medical Science Bldg. |
| KRAMER, C. F. (15) | College Park, Md. |
| LAPHAM, J. R. (14) | 1829 G St. |
| LARNER, J. B. (5) | Wash'n Loan & Trust Co. |
| LATIMER, J. W. (193) | Wilkins Building. |
| LAVERY, T. C. (193) | 1435 K St. |
| LAWSON, H. W. (133) | 1706 Rhode Island Ave. |
| LEPPER, H. A. (15) | 1335 H St. |
| LEE, T. S. (137) | 2109 O St. |
| LEECH, F. (136) | 1359 Columbia Rd. |
| LEWIS, H. S. (139) | 1219 Vermont Ave. |
| LEWIS, N. D. C. (134) | St. Elizabeth's Hospital. |
| LINVILLE, T. (138) | 2517 14th St. |
| LISNER, A. (5) | Palais Royal. |
| LITTLEHALES, G. W. (13) | 2132 LeRoy Place. |
| MCARTHUR, L. E. (14) | 2112 F St. |
| MCKIMMIE, O. A. M. (136) | The Valois. |
| McFALL, J. M. (193) | Care U. S. Fid. & Guar. Co., Baltimore, Md. |
| McNEIL, H. C. (14) | 1210 Decatur St. |
| MACMILLAN, J. T. (15) | 207 A St., N. E. |
| MAIN, D. C. (138) | St. Elizabeth's Hospital. |
| MALLORY, W. J. (137) | 1720 Connecticut Ave. |
| MANN, J. T. (141) | 1323 E. Cap. St. |
| MARBURY, W. B. (140) | 1015 16th St. |
| MARTIN, T. C. (133) | The Rochambeau. |
| MASON, L. M. (141) | 1523 L St. |
| MASON, J. R. (16) | 1842 Calbert St. |
| MERRILL, G. P. (13) | 1422 Belmont St. |

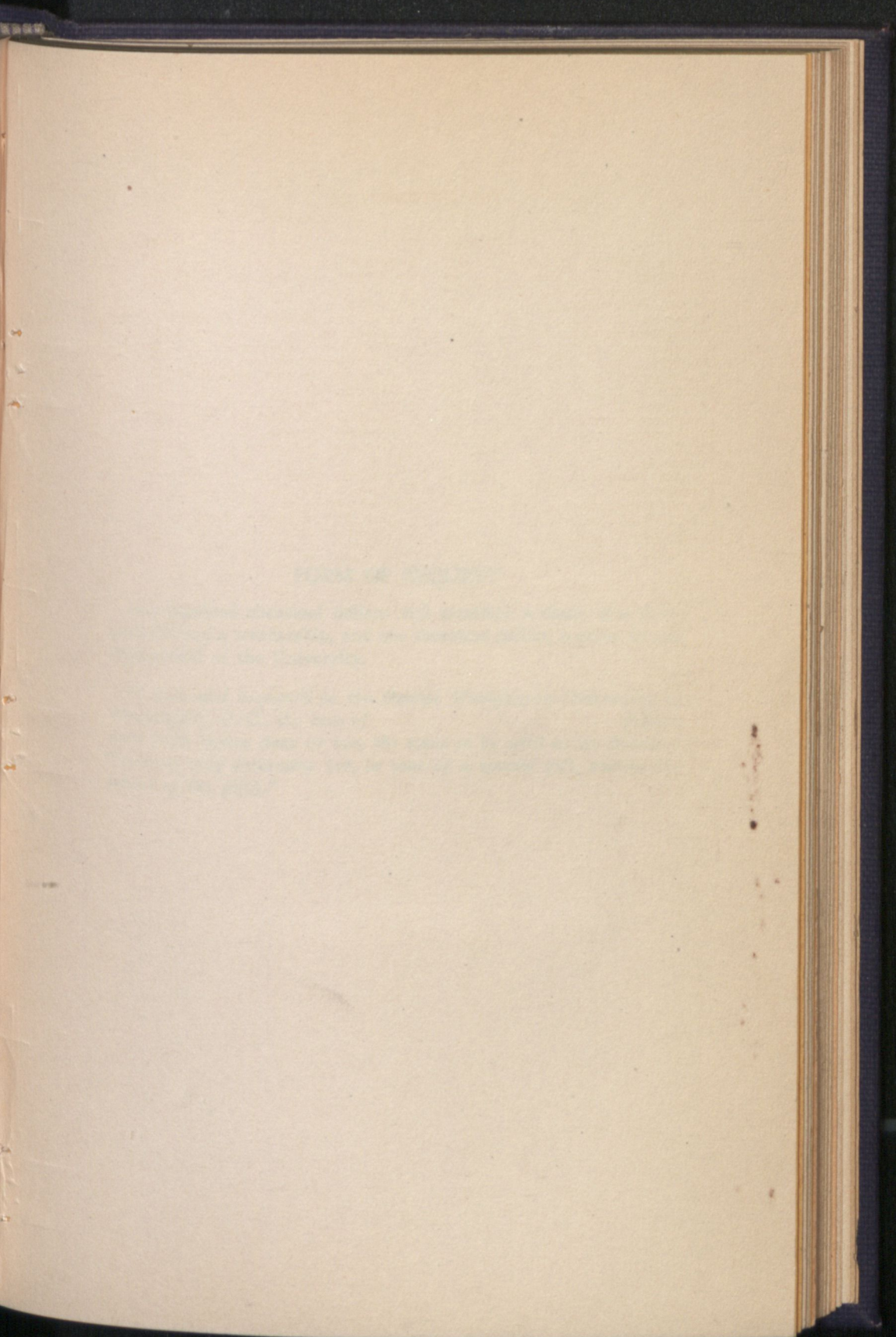
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| MERRITT, E. A. (137) | 1821 Connecticut Ave. |
| MEYER, J. F. (15) | 3727 Jocelyn St. |
| MICHELSON, T. (14) | Smithsonian Institution. |
| MILLER, C. C. (16) | Copley Courts. |
| MILLER, G. B. (136) | 1730 K St. |
| MILLER, HUGH (14) | 2006 Columbia Rd. |
| MITCHELL, J. F. (136) | 1344 19th St. |
| MOORE, W. L. (13) | The Chastleton. |
| MOORE, G. F. (5) | P. O. Box "G," Station F. |
| MORSE, BYRAN (9) | 3319 Wisconsin Ave. |
| MOSS, F. A. (15) | Capitol Heights. |
| MUNROE, C. E. (13) | 1201 16th St. |
| MYERS, R. E. (15) (134) | 2700 Connecticut Ave. |
| NORTHINGTON, E. (134) | 1335 H St. |
| NOYES, T. W. (5) | Care The Evening Star. |
| O'CONNELL, F. C. (193) | D. C. Supreme Court. |
| O'MALLEY, M. (140) | St. Elizabeth's Hospital. |
| ONG, HARRY (141) | 1768 Columbia Rd. |
| PARKER, E. M. (138) | 1726 M St. |
| PARTRIDGE, WM. (14) | 2425 Navy Bldg. |
| PAYNE, JOHN BARTON (5) | 1601 Eye St. |
| PENDEXTER, R. S. (141) | The Champlain Apts. |
| PERKINS, H. C. (5) | 1701 Connecticut Ave. |
| PETER, ARTHUR (193) | Wash'n Loan & Trust Co. |
| PHILLIPS, F. M. (15) | 1433 Shepherd St. |
| PHILLIPS, G. W. (15) | 808 Eye St. |
| PLATT, J. H. (14) | 2033 G St. |
| POLE, S. B. (140) | The Rochambeau. |
| PORTER, E. C. | 2033 G St. |
| PRICE, H. (141) | 1315 Rhode Island Ave. |
| PROTZMAN, M. I. (15) | 1100 Irving St. |
| PUTZKI, P. S. (141) | 911 16th St. |
| RANDALL, B. D. (16) | 2035 F St. |
| RANDOLPH, B. M. (133) | 922 17th St. |
| REED, E. U. (133) | Naval Medical School. |
| REEVES, R. (16) | 2033 G St. |
| RESSER, C. E. (14) | National Museum. |
| REICHELDERFER L. H. (136) | 1721 Connecticut Ave. |
| REUTER, F. A. (142) | St. Elizabeth's Hospital. |
| RICHARDSON, C. W. (132) | 1317 Connecticut Ave. |
| RICHARDSON, E. E. (13) | 1001 Alabama Ave., S. E. |
| ROE, J. H. (135) | 1012 17th St. |
| ROSE, A. L. (14) | The Elizabeth Somers. |
| RUEDIGER, W. C. (13) | 2836 28th St. |
| RUFFIN, S. (132) | Connecticut Apt. |
| SCHAPIRO, I. (14) | Library of Congress. |
| SCHATZ, E. (8) | 1840 2nd St. |
| SCHMIDT, A. F. W. (13) | 35 Bryant St. |
| SCHMIDT, W. L. (15) | Smithsonian Institution. |
| SCHOENFELD, H. (13) | 2033 G St. |
| SCHOENFELD, H. H. (140) | Wardman Park Hotel. |
| SCHRIEBER, F. C. (141) | The Montana. |
| SEIBERT, E. G. (139) | 1545 Eye St. |
| SELINGER, M. A. (142) | 1120 Columbia Rd. |
| SELLNER, A. E. (145) | 1335 H St. |
| SHANDS, A. R. (135) | 901 16th St. |
| SHUTE, D. K. (132) | 1727 De Sales St. |

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| SILL, M. R. | 132 Adams St. |
| SMALL, W. S. (15) | 1330 Irving St. |
| SMILER, N. M. (142) | 1103 P St. |
| SMITH, C. S. (13) | 304 Takoma Ave. |
| SMITH, D. H. (14) | Union Trust Bldg. |
| SMITH, F. S. (193) | 410 5th St. |
| SPANOGLE, L. W. (16) | 1756 Columbia Rd. |
| SPAULDING, H. G. (193) | 1435 K St. |
| SPILLMAN, R. (141) | Medical Science Bldg. |
| STAFFORD, W. P. (193) | D. C. Supreme Court. |
| STARKWEATHER, W. H. (16) | 2033 G St. |
| STAVELY, A. L. (136) | 1744 M St. |
| STERLING, M. W. (16) | 2033 G St. |
| STERRETT, J. M. (13) | Springfield, Pierce Mill Rd. |
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| SULLIVAN, J. B. (16) | 2033 G St. |
| SUTTON, H. G. (15) | 2803 26th St., N. E. |
| SUTTON, L. H. (193) | McLachlen Bldg. |
| SWETT, O. D. (14) | 15 Grafton St., C. C., Md. |
| SWISHER, C. C. (13) | 1810 Kalorama Rd. |
| SYDENSTRICKER, E. (15) | 16 7th St., S. W. |
| TALBOTT, W. H. (142) | 1125 Buchanan St. |
| TAYLOR, E. A. (142) | 1029 Vermont Ave. |
| TAYLOR, J. N. (15) | 1335 H St. |
| TEWKSBURY, W. D. (137) | Medical Science Building. |
| THOMPSON, B. B. (183) | 1339 H St. |
| THOMPSON, J. L. (136) | 1735 20th St. |
| THURSTON, E. L. (5) | 1414 Madison St. |
| TIBBETS, A. P. (139) | 1430 Rhode Island Ave. |
| TIBBITTS, G. C. (16) | 321 Essex Ave. |
| TITUS, E. W. (138) | The Rochambeau. |
| TOWNSEND, J. W. (193) | Albee Building. |
| TUCKERMAN, W. R. (5) | Bethesda, Md. |
| UPDEGRAFF, C. M. (193) | 1435 K St. |
| VAN ORSTRAND, C. E. (15) | 1607 31st St. |
| VALAER, PETER (15) | 1335 H St. |
| VAN VLECK, W. C. (193) | 1435 K St. |
| VASQUEZ, A. C. (15) | 609 Dist. Nat. Bank. |
| WALLIS, W. J. (16) | 2033 G St. |
| WARDMAN, H. (5) | 1430 K St. |
| WASHBURN, W. S. (5) | 2029 Connecticut Ave. |
| WATKINS, M. H. | 1429 Clifton St. |
| WEST, W. R. (16) | 2033 G St. |
| WHITE, C. S. (135) | 911 16th St. |
| WHITE, H. (5) | 2 West 52d St., N. Y. C. |
| WHITE, W. A. (133) | St. Elizabeth's Hospital. |
| WHITMORE, E. R. (14) (134) | 2139 Wyoming Ave. |
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| WILSON, J. H. (15) | Central High School. |
| WOODHULL, C. H. (5) | Metropolitan Club. |
| YARROW, H. C. (132) | 814 17th St. |

INDEX

| | Page | | Page |
|-------------------------------------|---------|--------------------------------------|--------------|
| Administrative Officers..... | 8 | Dietetics | 166 |
| Columbian College..... | 41 | Directory | 352 |
| Admission Requirements: | | Dispensary, Staff..... | 21 |
| Engineering, College of..... | 49 | Doctorate Disputation..... | 68, 99 |
| Graduate Studies, School of.... | 18 | Drawing | 81, 124 |
| Law School..... | 197 | Economics | 84, 126 |
| Medical School..... | 147 | Education | 10 |
| Nurses School..... | 185 | Educational Organization..... | 52, 86 |
| Pharmacy, School of..... | 189 | Electrical Engineering..... | 212 |
| Summer School..... | 118 | Employment | 49 |
| Teachers College..... | 59 | Engineering, College of..... | 88, 126 |
| Allied Associations..... | 350 | English | 104 |
| Anatomy | 162 | Ethics | 90 |
| Applied Mathematics..... | 67 | Ethnology | 13 |
| Archaeology | 67 | Arts and Sciences..... | 17 |
| Architecture | 68 | Columbian College..... | 17 |
| Arts and Sciences: | | Engineering College..... | 17 |
| Department of..... | 13 | Graduate Studies, School of.... | 193 |
| Courses of Instruction..... | 66 | Law School..... | 132 |
| Art, History of..... | 67 | Medical School..... | 188 |
| Assemblies | 11 | Pharmacy, School of..... | 335 |
| Astronomy | 70 | Summary | 120 |
| Astro-Physics | 70 | Summer School..... | 17 |
| Bacteriology | 71, 166 | Teachers College..... | |
| Board | 181 | Fees: | |
| Botany | 71, 124 | Arts and Sciences..... | 39 |
| Calendar | 3 | Law School..... | 212 |
| Chapel | 39 | Medical School..... | 180 |
| Chemistry.....54, 55, 72, 124, 164 | | Pharmacy, School of..... | 191 |
| Civil Engineering..... | 51, 75 | Summer School..... | 119 |
| Classical Languages..... | 77 | French | 111, 127 |
| Classical Literature..... | 79 | Genito-Urinary Diseases..... | 174 |
| Columbian College..... | 41 | Geographical Distribution..... | 334 |
| Columbian Women | 351 | Geology | 91, 128 |
| Combination Courses.....44, 47, 210 | | German | 92, 128 |
| Commencement | 11 | Graduate Studies..... | 18 |
| Commerce | 44, 79 | Greek | 77 |
| Consular Service..... | 45 | Gynecology | 174 |
| Convocation | 11 | History | 94, 128 |
| Council, President's..... | 9 | History of the University..... | 10 |
| University | 7 | Home Economics..... | 97, 129 |
| Degrees, Conferred..... | 336 | Hospital | 184 |
| Degrees, Requirements for: | | Hospital, Lady Managers.....184, 353 | |
| A. B..... | 41 | Hospital, Staff..... | 143 |
| A. M..... | 18, 60 | Hygiene | 110, 171 |
| B. S. in Arch..... | 56 | International Law..... | 110 |
| B. S. in Chem..... | 55 | Institutions, Governmental, | |
| B. S. in Ch. E..... | 54 | Privileges in..... | 11 |
| B. S. in C. E..... | 51 | Jurisprudence, Medical..... | 171 |
| B. S. in E. E..... | 52 | Latin | 78 |
| B. S. in M. E..... | 53 | Laryngology | 174 |
| B. S. in Med..... | 47 | Law School..... | 193 |
| B. S. in Phar..... | 190 | Law School Association..... | 350 |
| B. S. in Physics..... | 57 | Library | 11, 119, 196 |
| C. E..... | 20 | Library Science..... | 129 |
| E. E..... | 20 | Materia Medica..... | |
| LL. B..... | 210 | Mathematics | 98, 129 |
| LL. M..... | 210 | Mechanical Drawing..... | 99 |
| M. D..... | 190 | Mechanical Engineering..... | 100 |
| M. E..... | 20 | Medical School..... | 132 |
| M. P. L..... | 210 | Medical Society..... | 179 |
| Ph. D..... | 20 | Medicine | 169 |
| S. M..... | 18 | Meteorology | 102 |
| Dermatology | 171 | Microscopy | 71, 168 |
| Diagnosis | 171 | | |

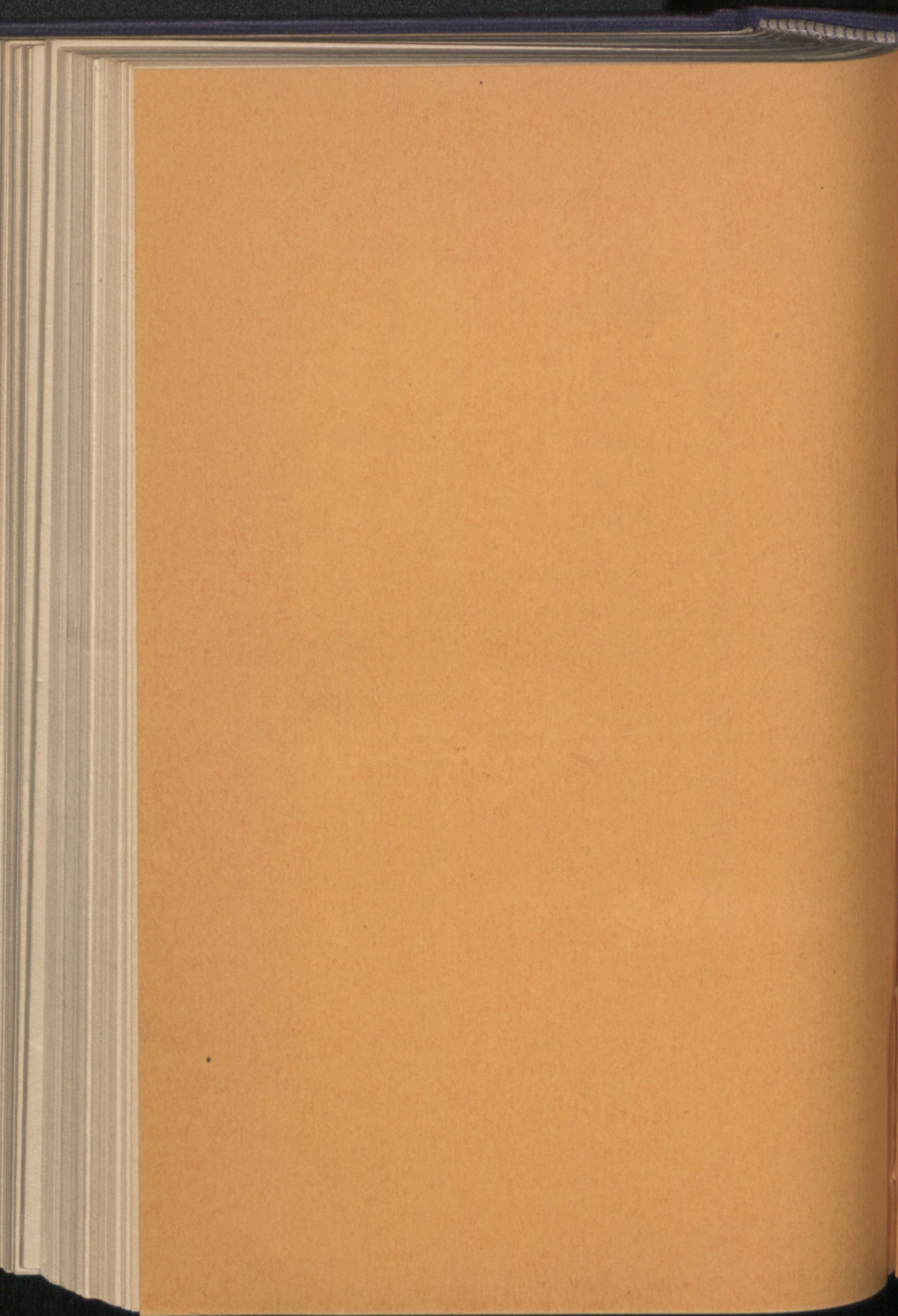
| | Page | | Page |
|-----------------------------|----------|-------------------------------|----------|
| Military Surgery..... | 174 | Semitics | 116 |
| Mineralogy | 91 | Sociology | 81, 124 |
| Nautical Science..... | 103 | Spanish | 113, 131 |
| Nurses, School for..... | 183 | Students: | |
| Obstetrics | 175 | Arts and Sciences, Depart- | |
| Ophthalmology | 174 | ment of..... | 215 |
| Orthopedics | 173 | Columbian College..... | 228 |
| Otology | 174 | Engineering, College of..... | 261 |
| Pathology | 166 | Graduate Studies, School of.. | 215 |
| Pediatrics | 170 | Law School..... | 295 |
| Pharmacology | 165 | Medical School..... | 291 |
| Pharmacy, College of..... | 188 | Pharmacy, School of..... | 294 |
| Philosophy | 103, 129 | Summer School..... | |
| Physics | 105, 130 | Arts and Sciences..... | 276 |
| Physiology | 163 | Law | 329 |
| Political Science..... | 108, 130 | Teachers College..... | 270 |
| Portuguese | 115 | Student Activities..... | 12 |
| Powell Foundation..... | 34 | Summaries: | |
| Pre-Medical Courses..... | 47 | Arts and Sciences, Depart- | |
| President's Council..... | 9 | ment of..... | 290 |
| Preventive Medicine..... | 110 | General | 335 |
| Prizes: | | Law School..... | 333 |
| Arts and Sciences, Depart- | | Summer School: | |
| ment of..... | 35 | Arts and Sciences..... | 118 |
| Law School..... | 211 | Law | 206 |
| Medical School..... | 178 | Surgery | 171 |
| Public Service Courses..... | 45 | Teachers Appointment Bureau.. | 61 |
| Psychiatry | 170 | Teachers College..... | 59 |
| Psychology | 103, 129 | Teachers' Diploma..... | 60 |
| Radiography | 173 | Therapeutics | 165 |
| R. O. T. C..... | 179 | Theses, Regulations regarding | 21, 22 |
| Romance Languages..... | 111 | Tropical Medicine..... | 170 |
| Romance Literatures..... | 116 | Trustees | 5 |
| Rooms | 181 | University Council..... | 7 |
| Scholarships: | | Withdrawals | 40, 181 |
| Arts and Sciences, Depart- | | Y. M. C. A..... | 179 |
| ment of..... | 32 | Zoology | 116, 131 |



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One hundred thousand dollars will establish a chair, five thousand dollars a scholarship, and one thousand dollars a prize, in any department of the University.

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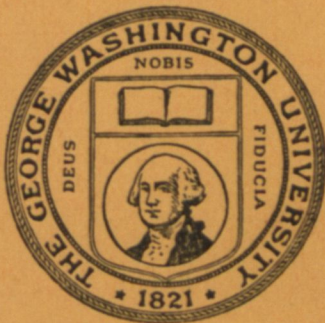
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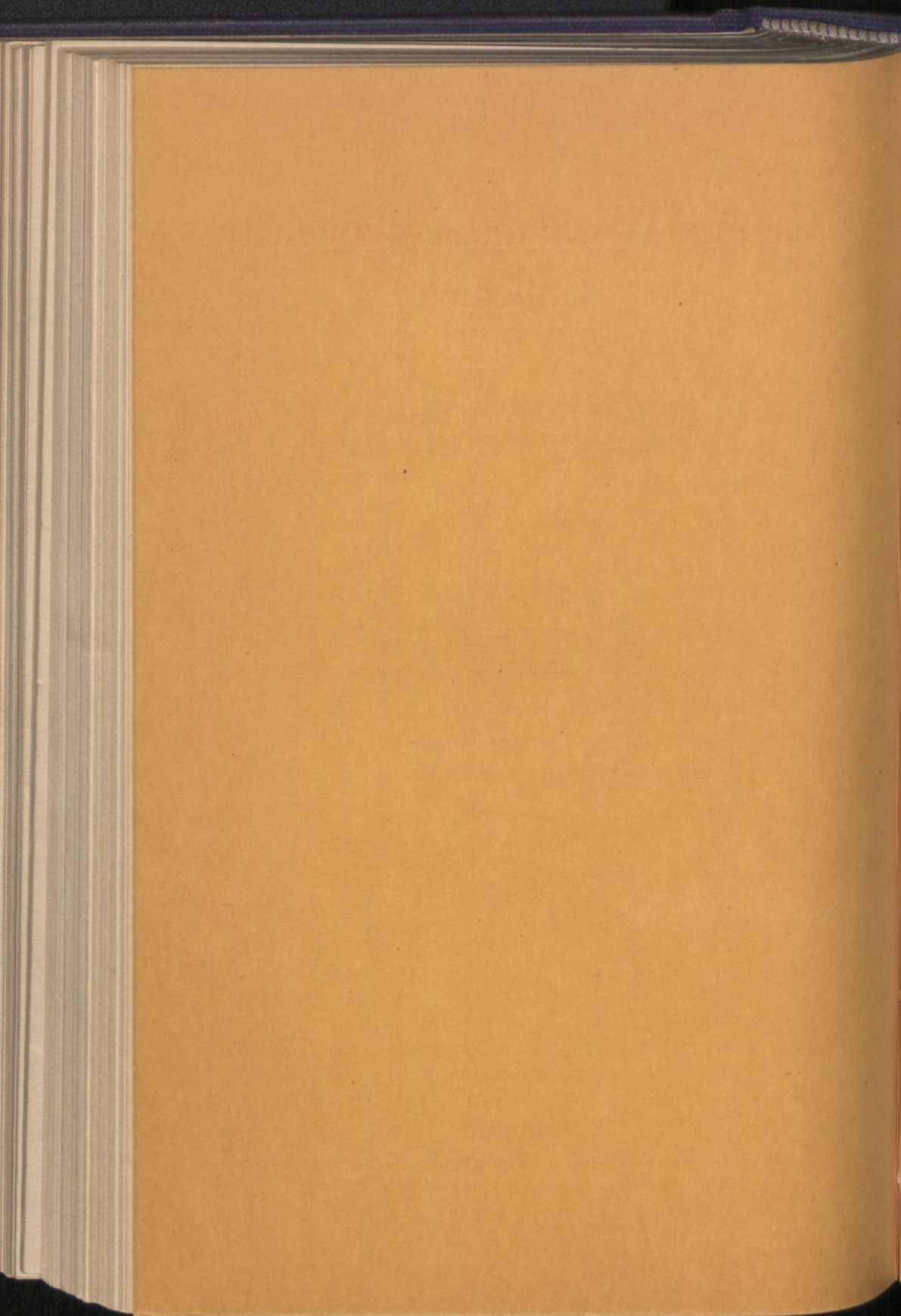
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SUMMARY OF DEGREES CONFERRED

SUMMARY OF REGISTRATION 1921-22

JUNE, 1922

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The Commencement Address
The President's Address to the Graduates
The Commencement Exercises
The Commencement Exercises (Continued)
The Commencement Exercises (Continued)

June 1912

UNLOCKING THE HEART OF AMERICA

By HUSTON THOMPSON

Member Federal Trade Commission, before the Graduating Class of George Washington University, June 7, 1922, Washington, D. C.

MR. PRESIDENT, MEMBERS OF THE GRADUATING CLASS, AND FRIENDS OF THE UNIVERSITY:

This great event in your lives reminds me of a similar one which occurred in my own life some twenty-five years ago, the anniversary of which will be celebrated at a reunion within a few days.

Like the members of many other graduating classes of those days, we plunged into the vortex of life with some doubts, many emotions and lofty sentiments, and were soon at our daily tasks swallowed up in the confusion of numbers. Into this world of reality we carried the dreams of our undergraduate days.

One of the dreams which I recall particularly was inspired by the saying of one of the few really great men of the world. It was Aristotle, the teacher of Alexander the Great, who lived in the City of Athens three hundred years before the advent of Christ. Fancy yourself seeing that savant of old gazing into the future and predicting with a truly prophetic vision that: "Human slavery will not end until the advent of the Man of Iron."

Twenty-five years ago the Man of Iron had made his advent, and was stretching his colossal limbs over our nation in ever-growing proportion. It was reasonable to expect that the prophecy of Aristotle about the ending of human slavery was to be fulfilled. At least we entered the race of life upon this assumption.

As time rushed on, probably most of my fellow graduates and others of that decade consciously or unconsciously helped with feverish activity to add more cubits to the dimensions of this marvelous Man of Iron,—the embodiment of our machine-made age.

In that brief span of life we have seen the world made a whispering gallery through electricity; the face of Nature changed through coal and steam; the bird outrivaled through power generated by oil. Indeed, we have set up a Frankenstein civilization that seems to wear seven-league boots with which our spiritual selves are unable to cope. For the machine has lifted men from the soil and drawn them into the cities and tied them to its chariot, where day after day they do its bidding.

Moreover, as man puts his hand to the machine the monotony of it in the long run is apt to blunt the development of his spiritual faculties until his soul finally succumbs to the never-ceasing drive of the heartless master. Instead of our dominating this monster and making him responsive to our commands, he has perched himself upon our backs like the old man of the sea and drives us hither and thither until we ask ourselves, "Has the arrival of the Man of Iron really freed civilization of slavery?"

In America we sought to build up this Man of Iron by standardized mass production, believing that by this means we would free labor of its too arduous toil, supply the human needs, and thus bring happiness to all. Our fetish became efficiency, and the whirl of the wheels and the roar of the machinery called man closer to them until they caught him in their embrace and with their insatiable appetites demanded further standardization, even the standardization of human souls.

Analogous conditions exist in other countries. The British mind in raising up its Man of Iron turned its efforts not to standardized mass production, but to massive production,—heavy machinery, giant engines and big ships,—that would produce and distribute British goods, expecting by this means to tie the little island to her colonies, and secure for herself first place in the markets of the world.

Germany, on the other hand, took a different course. She went back into her laboratories and sought to build up her Man of Iron by applying science to industry, expecting by this means to increase and cheapen production so that she might dominate and capture the markets of the world. So absorbed did her people become in this task that the whole nation dedicated itself to building up its Man of Iron, until finally the hour arrived when he absorbed the builders and began to stalk across the world in search of others to satisfy his appetite, determined to capture by force what he had not already taken by brains.

Then we Americans did wonderful things. A wave of sentiment aroused us to such a degree that we wrenched this giant loose from our shoulders and put a bit in his teeth. With all the energies of an awakened nation we conjured together a thunderbolt, hurled it at the German Man of Iron, and shattered him into fragments.

Having completed the job, we rapidly climbed down from the exalted position where the ideals that inspired the founders of our nation had again stirred the heart of our America, and remarkable to relate, began once more to bow our shoulders to this juggernaut. And now, today, as you look upon the stage of life, you will see

His Utilitarian Majesty once more sitting in the seats of the mighty, while the classes and masses, automatically as it were, take their cue from him.

Let us poll some of the actors of the drama of life in which we live, and ask them what their contribution has been to the Man of Iron.

Come with me down into the legalist's office and propound the question to him. He will perhaps point with pride to his book shelves, where lie the voluminous output from our courts and commissions, consisting of about twenty-three thousand legal decisions and rulings a year. He will insist with some show of pride probably that the law is the foundation of civilization—even of the civilization of today.

Let us put the question to the medical man standing within the influence radiating from this great civilization, and with a far-away gaze in his eyes he will picture the wonders that medicine has accomplished in the tropics, the triumphs of modern surgery and the latest achievements of gland transplanting. Suggest to him that perhaps his is now a bread and butter profession, and, while possibly admitting this, he will claim that the order to which he belongs has added several cubits to the stature of this civilization.

But proudest of all is our modern business man who has been crowned above all others by civilization. He rejoices in being called the "hard-headed" business man and he will tell you with pride that he has brought it about, that this nation produces more than one third of the manufactured goods of the world; that it is the richest and most powerful country, and that he has helped to fill the pockets of this Man of Iron with gold until he possesses over \$3,000,000,000 of the world's medium of exchange.

And so we could summon the other builders one by one until there would be unfolded before your eyes the marvelous proportions of this materialistic conception of our generation. Who will deny that we are living in a marvelous age, that men have struggled harder perhaps than in any other civilization, and wrought greater things? But let us draw a little closer to these actors.

Separate that lawyer from the conventional appraisal, and catch him off his guard. Take the medical man who has gone through the routine college courses and with his scalpel has dissected the human body to the very bones of the skeleton, or witness yonder "hard-headed" business man seeking to expand his business to the ends of the earth. You will be struck by the fact that they seem to be gazing into a future where they fear the coming of a pestilence that walketh in darkness or destruction

that wasteth at noonday. If you will observe carefully you will notice that they are seeking for something and, as they seek, are turning their eyes in your direction.

Why, you may ask, should they turn to you? It is because this thing which they seek is synonymous with youth,—dulls with age and dies in the minds of those who have been pounded with materialistic thoughts. It is the thing which the older nations have lost and which causes them to look with longing eyes toward youthful America in the hope that she still possesses it.

It is the key to the soul, even of the Man of Iron. For the lack of a better name we call it Sentiment. I have no doubt but that it is still here in America, but the generation which is on the stage today has lost it. This is why it awaits the coming of youth—of you, on life's stage with an eagerness almost pathetic in its intensity.

I would not have you misunderstand what I mean by this word "sentiment." It is not that emotion which causes people to scatter charity that produces paupers. It is not sentimentalism, nor momentary mass emotion. It involves a cooperation of the heart and of the mind. It is that thing in the British Government which causes it to reach down into the civil service and mark him who benefits his country most in that great service, raises him to knighthood, or declares that whenever the humblest subordinate contributes anything of value, in a documentary way or otherwise for his country, that his name shall be stamped upon the work so that he shall be recognized.

It is that appealing force which has caused France to set aside a sum each year as a reward to the one performing the greatest service for the government, and when that award is about to be made, selects not the statesman nor the artist, nor the soldier, but causes the spirit of France to reach down into the peasant life and pick out a girl of nineteen years of age, whose father being an invalid and mother insane, left her their six children to care for. Cheerful and smiling, she tended to her daily duties of washing and dressing and feeding these children, and sending them off to school. And then, after working all day in a match factory, she returned to wash and feed and put the little ones to bed. For her cheerful, uncomplaining efforts to keep the family intact, and the home fires burning she was crowned by France as the one having done the greatest service for the nation.

This sentiment is the thing that moved one of our own merchants to come before a public body and say, "We merchants have been practicing the unlawful and uneconomic thing called commercial bribery, and have spent thousands of dollars in tying up

the salesmen of concerns to purchase from us in order that we may keep the business from a fellow merchant. I am so anxious to stop this practice for the good of our industry that I will be willing to take the odium of an order against me to cease this practice regardless of the financial loss so that by setting an example our industry may be purged of this practice."

It is the thing that caused a leading manufacturer not many months ago to stand out against a great combination of other manufacturers who joined with groups of jobbers to compel this business man to come into line and fix prices on an article of general use in this country, and gave him the courage to withstand secret attacks from every direction so that, as he said to them, he might live up to the laws of our land regardless of the consequences to his business.

It is this impulse that sometimes moves nations to do a wonderful thing—something which they never dreamed would return to them benefits a thousand fold, as it did when America returned the sum of \$24,000,000 to China which was the amount allotted to us by the concert of nations from China after the Boxer Uprising.

You will recall—for it is worth being recalled many times in order to make us realize the real constructive things of the world—that instead of taking these twenty-four million dollars, we turned them back, with the suggestion that China devote the funds to the education of her sons and daughters. This simple little act so stirred the sentiment of that nation that China opened up its soul and declared that it would send its sons and daughters with that fund to America to catch the spirit which would prompt such an act. And it has more than made good by placing in our universities for twenty years three hundred of the pick of the boys and girls of China. And added to this are the three hundred more sent by the provinces that make up that country. Today many of the earlier students are in high places in the Government of that awakening nation.

We know that there is an open door in China to America, opened by a little act of sympathy, which has done as much in a constructive way to establish a cordial relationship between these two nations as any other one act in the history of international relations.

Do not these instances which I have recited point the way to the thing which will unlock not only the heart of the individual and nation, but of all nations? Is it not the thing which will give us the key to unlock the breast of this Iron Man of ours so that we can put a soul in there, if there be not one there already, and

eliminate the slavery of our time—the heartless selfishness of the materialist. Does it not say to us that we as a nation, if we would respond to this sentiment, can no longer act in the Confucianistic spirit of negation, but that we must resort to affirmative acts as glorified in the Sermon on the Mount in our relations with the rest of the world; that we can not pass like the priest and the levite along the road and abandon those that suffer, but must lift them up, bind up their wounds, and set them on their way. And does it not also mean that when Macedonia cries to us we shall answer the call, and declare to the world that we are our brother's keeper?

And finally, when we have unlocked the soul of our modern civilization with this key, then the slavery of hesitation, the slavery of fear, and the lack of faith in others will fall away and we shall take this Man of Iron, bridle him and drive him, so that he shall become our servant and not our master.

Tonight, in the optimism of this hour, I salute this great class, call upon you individually and collectively as you advance to receive your diplomas and make your entrance upon the stage of life, that you will let sentiment open your soul, so that when the call comes to you, as come it will, to make articulate the soul of our country, you will answer with a thrill in every fibre of your being, "Present."

ADDRESS TO THE GRADUATES

By PRESIDENT HODGKINS

On behalf of the University, its trustees, its faculties, and for myself officially and personally, I congratulate you. I wish you Godspeed.

Few of us in the faculty know of the sacrifices that many of you have made—sacrifices of time, sacrifices of money, sacrifices of pleasures—in order to complete the courses for your degrees; sacrifices that will result in large good for you; sacrifices, we trust, that will result in large good for the communities in which you live.

I am a graduate of this University myself, and therefore I am especially glad to welcome you among the alumni of our University. I am also glad that the graduating exercises of your University courses have been held in this hall—this Memorial Continental Hall of the Daughters of the American Revolution—this hall built to commemorate the labor and the sacrifices and the visions of those who made this country the Republic that it is.

It is a part of the education that you receive as students of the George Washington University that you are living in Washington during your student days. And in Washington this last year has been notable for many things that have stirred the patriotic emotions—notable for many things that bring forth that sentiment so eloquently portrayed to you by the speaker of the day. Beginning last November with the burial of the Unknown Soldier, followed by the convention on the Limitation of Armaments held in this very hall, and in more recent weeks by the unveiling of the Grant Monument and the dedication of the Lincoln Memorial—all of these are a part of that broadening influence that will make you better citizens of this country, better citizens of the world.

We can not live to ourselves alone. We must mingle with our fellow beings. To you who have tonight received diplomas certifying the completion of University courses, to you there is a call to duty. Note the phrase used in the conferring of the diplomas: "As with all the rights and privileges, so with all the duties pertaining to that distinction."

A century and a half ago, nearly, those in whose memory this hall was built felt a call to duty, a call to duty to make life better for themselves and for their generation, a call to duty that was to result in bringing good to the generations that have come.

And for you, too, all of you, there should be ever this call to duty.

This environment in which we live, this civilization that we have, comes from the efforts, the strivings, the labors of the strong in intellect, the broad in vision. Civilization is maintained, civilization is advanced by uplift, not by upheaval. It is your part to help in that uplift. As you go forth into the duties of life there may come to you times of trouble, winters of discouragement, days when you can scarcely see that there is any hope. And so it was to those in whose memory this hall was built.

But Valley Forge was followed by Yorktown. And so to you, victory will come if you have that character which we hope you have, that character which is the ideal this University seeks, that character which this University endeavors to develop in you.

For some of you the circle of influence may be small, for others it may be large. But be it a town or county, a state or the world, wherever and however you are performing your duty, it must be a duty that is advancing civilization in some way, that is an influence for the good of those with whom you are associated and for those in whose memories your lives are a molding power.

You are now joined to nearly ten thousand who have gone from the halls of this University in the hundred years that have passed since it was founded. We count on you to keep untarnished the name of the institution; we count on you to advance yourselves in moral and intellectual power, to live lives of force and growth, to be true litizens of this country.

And as I said in the beginning, so I say in conclusion: I congratulate you; I wish you Godspeed.

STATEMENTS BY PRESIDENT HODGKINS IN CONFERRING HONORARY DEGREES

HELEN NICOLAY

Author, cultivator of literature and the fine arts

Citizen of the District of Columbia, student of history and biography. In your books on history you have presented in delightful language facts about great leaders in this country, especially Lincoln and Grant, that give to the youth of the land information and inspiration promotive of true patriotism. You bring to your readers in all that you write the charm of a facile pen and of a well-trained mind, artistically discriminative.

For these and other services, on behalf of George Washington University, I confer upon you the honorary degree of Master of Arts, and I authorize you to receive a diploma and be invested with the insignia of the degree.

WALLACE RADCLIFFE

Clergyman

Bachelor of Arts, Master of Arts, Doctor of Laws of Washington and Jefferson College; Doctor of Divinity of Lafayette College. Minister of the Presbyterian Church, serving in Philadelphia, in Detroit, and for twenty-seven years in Washington. Prominent and influential in the councils of the church, as Moderator in various districts, and as Moderator of the General Assembly of the Presbyterian Church in the United States; delegate of the church to councils in this country and abroad. Acknowledged authority on church doctrine and church government.

During the twenty-seven years you have lived in Washington you have brought the word of God to thousands upon thousands; never losing sight of the true spirituality of religion. You have ever been a student of affairs, and have shown the links and connections of the day's work with the teachings of the Christ. You have shown how man may best live the life of today so as to advance the civilization and culture of the world; so as to make real the spiritual that so transcends the material.

Because of the life you have lived, the doctrines you have taught, the spiritual good you have done, on behalf of the George Washington University, I confer upon you the honorary degree of Doctor of Divinity, and authorize you to receive a diploma and be invested with the insignia of the degree.

HAROLD LINDSAY AMOSS

Bacteriologist and immunologist

Bachelor of Science and Master of Science of the University of Kentucky; for a time a student in the Medical School of George Washington University; later, Doctor of Medicine and Doctor of Public Health of Harvard University. You have used your knowledge, you have used your genius in research, for the benefit of humanity. You have served as a teacher, you have served as a medical officer during the World War, where you attained the rank of Major. You have been on the Scientific Staff of the Rockefeller Institute of Medical Research, where you have reached the rank of Associate Member in Pathology. You are soon to join the staff of the Medical School and Hospital of Johns Hopkins University. For fifteen years you have been a contributor to various medical journals of valuable articles on subjects in your fields of research.

In recognition of these and other services you have rendered, on behalf of George Washington University, I confer upon you the honorary degree of Doctor of Science, and I authorize you to receive a diploma and be invested with the insignia of the degrees.

JOANNES GENNADIUS

Diplomat, scholar, author, encourager of learning

For many years you have served your native country most illustriously, and so serving, have served the whole civilized world. Entering the diplomatic service of Greece at an early age, you have been its representative at Constantinople, at London, at Vienna, at the Hague. You have been its delegate at many conferences and congresses. After being in active service long beyond the usual age, you were retired with the permanent title of Envoy Extraordinary and Minister Plenipotentiary of the first class.

Recently you have been called from retirement and sent to this country on a special mission.

You have received decorations and honors from your own country and from many foreign countries. You have recently shown your interest in learning and in culture by presenting to the American School at Athens your magnificent London library of upward of fifty thousand treasures of literature and art.

In recognition of this and other services and because of your career, distinguished in so many ways, on behalf of the George Washington University, I confer upon you the honorary degree of Doctor of Humane Letters and I authorize you to receive a diploma and be invested with the insignia of the degree.

HUSTON THOMPSON

Lawyer, teacher, public official

Bachelor of Arts of Princeton University. Student in Law, practitioner of law in Colorado, lecturer in Law in the University of Denver, Assistant Attorney General of Colorado, Assistant Attorney General of the United States, member and for a time chairman of the Federal Trade Commission.

As you have risen, through merit, from position to position, you have ever shown that broad grasp of affairs, that accurate judicial judgment that can be had only by a mind trained, by a brain well stocked with facts. Ever interested in education, you have been a constant friend to this University since you came to Washington fifteen years ago. You represent the type of public official of which this country is proud.

In recognition of these and many other services, on behalf of the George Washington University, I confer upon you the honorary degree of Doctor of Laws, and I authorize you to receive a diploma and be invested with the insignia of the degree.

SUMMARY OF DEGREES CONFERRED AT COMMENCEMENT, JUNE 7, 1922.

IN COURSE

| | | |
|--|-----|-----|
| <i>Columbian College</i> | | |
| Bachelor of Arts..... | 115 | |
| Bachelor of Science in Medicine..... | 2 | |
| <i>College of Engineering</i> | — | 117 |
| Bachelor of Science— | | |
| In Architecture | 1 | |
| In Chemistry | 5 | |
| In Chemical Engineering | 2 | |
| In Civil Engineering | 4 | |
| In Electrical Engineering | 1 | |
| In Mechanical Engineering | 5 | |
| <i>Teachers College</i> | — | 18 |
| Bachelor of Arts and Bachelor's Diploma in | | |
| Education | | 28 |
| <i>Medical School</i> | | |
| Doctor of Medicine..... | 11 | |
| Nurses' Certificate | 7 | |
| <i>Law School</i> | — | 18 |
| Bachelor of Laws..... | 118 | |
| Master of Laws..... | 11 | |
| <i>College of Pharmacy</i> | — | 129 |
| Bachelor of Science in Pharmacy..... | | 1 |
| <i>School of Graduate Studies</i> | | |
| Civil Engineer | 1 | |
| Master of Science..... | 16 | |
| Master of Arts..... | 36 | |
| (3 with Master's Diploma in Education) | | |
| Doctor of Philosophy..... | 9 | |
| (1 with Doctor's Diploma in Education) | — | 62 |
| Degrees in Course..... | | 373 |

HONORARY

| | | |
|--|---|-----|
| Master of Arts..... | 1 | |
| Doctor of Divinity..... | 1 | |
| Doctor of Science..... | 1 | |
| Doctor of Humane Letters..... | 1 | |
| Doctor of Laws..... | 1 | |
| | — | 5 |
| Total number of Degrees conferred..... | | 378 |

SUMMARY OF REGISTRATION

| | <i>Registration</i> 1921-22 | <i>Registration</i> 1920-21 |
|---------------------------------|--------------------------------|--------------------------------|
| School of Graduate Studies..... | 320 | 229 |
| Columbian College | 2,183 | 1,968 |
| Engineering College | 545 | 540 |
| Teachers College | 367 | 307 |
| Medical School | 151 | 113 |
| Law School | 1,045 | 898 |
| School of Pharmacy | 21 | 14 |
| | <hr/> | <hr/> |
| | 4,632 | 4,069 |



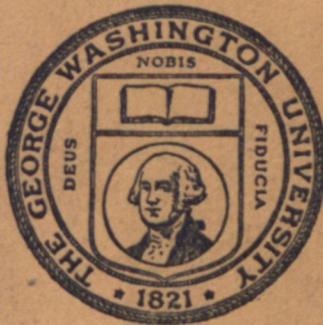
VOLUME XXI

NUMBER 3

George Washington University Bulletin

REPORT OF THE TREASURER

1921-1922



PUBLISHED BY THE UNIVERSITY
WASHINGTON, D. C.



George Washington University Bulletin

REPORT OF THE TREASURER
for the year ended August 31, 1922

Volume XXI, Number 3
October, 1922

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MARCH, JUNE, OCTOBER AND DECEMBER

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George Washington University
Bulletin

REPORT OF THE TRUSTEES
for the year ended August 31, 1913

Volume XXI Number 1
April, 1914

PRINTED BY THE UNIVERSITY OF WASHINGTON
HALL OF THE UNIVERSITY OF WASHINGTON

THE UNIVERSITY OF WASHINGTON
BULLETIN

Report of the Treasurer.

October 18, 1922.

THE BOARD OF TRUSTEES OF GEORGE WASHINGTON UNIVERSITY:

GENTLEMEN: I have the honor to submit herewith a report showing in detail the financial operations of the University for the fiscal year ended August 31, 1922; and exhibiting the state of the Trust Funds, as required by the By-Laws of the University, certified by the American Audit Company of New York.

The total net resources of the University are \$1,438,908.42, a gain for the year of \$135,185.85, as shown in the following comparative summary of Assets and Liabilities for 1920-21 and 1921-22:

COMPARATIVE SUMMARY OF ASSETS AND LIABILITIES, 1920-21 AND 1921-22.

| | <i>Assets.</i> | | <i>Increase.</i> | <i>Decrease.</i> | <i>Net increase.</i> |
|---|-----------------------|-----------------------|---------------------|------------------|----------------------|
| | <i>1920-21</i> | <i>1921-22</i> | | | |
| Cash, General Funds. | \$32,916.58 | \$3,926.02 | \$26,362.07 | | |
| Temporary investment of surplus cash..... | | 55,352.63 | | | |
| Cash, Endowment Income..... | 10,671.79 | 13,024.35 | 2,352.56 | | |
| Trust Funds..... | 541,257.80 | 541,059.85 | | \$197.95 | |
| Property used for Education..... | 1,023,994.95 | 1,094,943.76 | 70,948.81 | | |
| Library Books..... | 50,019.12 | 52,437.96 | 2,418.84 | | |
| Accounts Receivable. | 40,423.91 | 49,113.82 | 8,689.91 | | |
| Perpetual Insurance Deposits..... | 1,406.25 | 1,406.25 | | | |
| Equipment..... | 108,989.51 | 115,106.07 | 6,116.56 | | |
| | <u>\$1,809,679.91</u> | <u>\$1,926,370.71</u> | <u>\$116,888.75</u> | <u>\$197.95</u> | <u>\$116,690.80</u> |

| | <i>Liabilities.</i> | | <i>Increase.</i> | <i>Decrease.</i> | <i>Net decrease</i> |
|----------------------------------|-----------------------|-----------------------|------------------|--------------------|---------------------|
| | <i>1920-21</i> | <i>1921-22</i> | | | |
| Notes Payable..... | \$148,934.50 | \$138,192.90 | | \$10,741.60 | |
| Liability to Endowment Fund..... | 350,881.55 | 348,881.55 | | 2,000.00 | |
| Accrued expenses not due..... | 5,316.73 | 387.84 | | 4,928.89 | |
| Accounts Payable... | 824.56 | | | 824.56 | |
| | <u>\$505,957.34</u> | <u>\$487,462.29</u> | | <u>\$18,495.05</u> | <u>\$18,495.05</u> |
| Total Net Resources..... | <u>\$1,303,722.57</u> | <u>\$1,438,908.42</u> | | | |
| Increase of Net Resources..... | <u>\$135,185.85</u> | | | | |

Trust Funds were increased during the year \$990.43 as follows: Reinhardt bequest, \$500.00; Founders of Columbian Women Fund, \$560.00; Endowment Restoration Fund, \$207.96; Alumni Endowment Fund, \$45.00; Total, \$1,312.96 less loss on Congressional Professorship Fund,

\$322.53; net total, \$990.43. Executory Trust Funds were decreased \$2,774.35 by the execution of trusts as follows: Law School Fund, \$675.37; Hospital Improvement Fund, \$41.92; Law School Building Fund, \$2,057.06; and increased through the following funds: Denman Law School Fund \$80.05; Jacques Law School Fund, \$321.66; Jacques Medical Fund, \$269.42; Mayer Hospital Fund \$232.71; General Building Fund, \$674.63; Chemical Building Fund \$7.50; a total increase of \$1,585.97 making a net total decrease of \$1,188.38.

One New Trust Fund was opened during the year and the following amount received: Reinhardt bequest, \$500.00.

Real Estate used for educational purposes or acquired for sites is valued at \$1,094,943.76, an increase of \$70,948.81. The increase is accounted for by the purchase of the following properties: 2014 H Street, \$5,280.88; Lots in square 62, \$19,134.00; 2024 G Street \$14,033.93; and the Maxwell Van Zandt Woodhull bequest valued at \$32,500.00.

The Mortgage Debt stands at \$123,192.90, a decrease of \$25,741.60, by curtailments as follows: Law School Building \$25,000.00; Nurses' Home, \$485.00; 720 Twentieth Street, \$256.60.

Laboratory Equipment and Furniture are valued, after writing off depreciation at \$115,106.07, an increase by purchase of \$6,116.56.

Books in the Libraries are valued, after writing off depreciation at \$52,437.96, an increase by purchase of \$2,418.84.

Contributions other than those reported under Trust Funds, were received as follows:

| | |
|---|------------|
| National Geographic Society for salaries..... | \$2,000.00 |
| Board of Lady Managers of the Hospital..... | 1,236.00 |
| Gifts for prizes..... | 140.00 |

Property under Lease for educational purposes:

| | |
|--|------------|
| 2022 G Street, one year to September 30, 1923..... | \$1,500.00 |
| Basement Concordia Church, eight months..... | 600.00 |

Cash Receipts and Payments are summarized as follows:

| | |
|---|--------------|
| Balance brought over from 1920-21.. | \$31,141.58 |
| Receipts for the year 1921-22..... | 649,054.68 |
| | <hr/> |
| | \$680,196.26 |
| Disbursements for the year 1921-22..... | 678,065.24 |
| | <hr/> |

Balance on hand August 31, 1922..... \$2,131.02**

Accounts Receivable from students at the close of business August 31, 1922 was reported as \$42,121.24. This included charges against Veterans' Bureau students of \$29,493.94, (since paid), leaving a balance due by other than government students of \$12,627.30, or 2 and 8/10ths per cent of total student charges for the year, a part of which will be collected during the year 1922-23. The rate of non-collections for the preceding year was 3 and 7/10ths per cent, a part of which was collected after the year closed.

A statement in detail of Receipts and Payments will be found in Exhibit "L" of this report.

Respectfully submitted,
CHARLES W. HOLMES,
Treasurer.

** At intervals during the year 1921-22, surplus cash of the General Fund was invested in Government securities drawing a higher rate of interest than the bank deposit, to the amount of \$140,402.00, and a portion of these securities was sold, as needed, to the amount of \$85,049.37, leaving a net investment belonging to the General Fund, at the close of the year, \$55,352.63. Properly, this investment of surplus cash in liquid securities should be considered as cash on hand at the close of business August 31, 1922, in addition to the \$2,131.02 reported above.

Report of the American Audit Company.

September 30, 1922.

We have examined the accounts and records of the GEORGE WASHINGTON UNIVERSITY for the year ended August 31, 1922.

Our report, including Exhibits, is as follows:

EXHIBIT "A"—Balance Sheet.

"B"—Surplus.

"C"—Revenue Account.

"D"—Department of Arts and Sciences.

"E"—Department of Arts and Sciences—Summer School.

"F"—Law School.

"G"—Law Summer School.

"H"—Medical School.

"I"—Medical Summer School.

"J"—College of Pharmacy.

"K"—University Hospital.

"L"—Statement of Cash Receipts and Payments.

"M"—Trust Funds.

"N"—Endowment Funds Investments.

"O"—Executory Trust Funds Investments.

"P"—Endowment and Executory Trust Funds, Income and Expense.

CASH: \$3,926.02

We counted the cash on hand September 2, 1922, and reconciled the Cash Account with the Bank Account as at August 31, 1922.

INVESTMENTS:

On September 29, 1922, we inspected the Liberty Bonds, which compose this account.

ACCOUNTS RECEIVABLE: \$48,863.82

This amount consists of Fees, etc., due for the term of 1921-1922, from students in the various departments, and other Accounts Receivable as follows:

| | | |
|--|--------------------|-------|
| School of Graduate Studies..... | \$1,855.86 | |
| Columbian College..... | 9,012.65 | |
| College of Engineering..... | 6,484.89 | |
| Teachers College..... | 725.62 | |
| Summer School..... | 4,971.59 | |
| | | <hr/> |
| Total Department of Arts and Sciences..... | \$23,050.61 | |
| Law School..... | 12,980.45 | |
| Law Summer School..... | 3,928.40 | |
| | | <hr/> |
| | 16,908.85 | |
| Medical School..... | 1,448.81 | |
| Medical Summer School..... | 581.33 | |
| | | <hr/> |
| | 2,030.14 | |
| College of Pharmacy..... | 131.64 | |
| Accounts due University Hospital from patients for the year 1921-1922..... | 4,904.01 | |
| Student Activities..... | 206.25 | |
| Income from Endowments..... | 1,632.32 | |
| | | <hr/> |
| | <u>\$48,863.82</u> | |

The balances standing in accounts due at September 1, 1921, remaining unpaid as at August 31, 1922, are considered worthless and were charged to Surplus.

DEPRECIATION:

Depreciation on the Library Books, and Equipment was charged off to the amount of \$2,479.60.

NET INCOME:

The Net Income for the year from all departments including the University Hospital was \$115,066.78, as shown by Exhibit "C."

SURPLUS: \$884,824.22.

The changes in this account since August 31, 1921, are shown by Exhibit "B."

TRUST FUNDS:

On September 29, 1922, we inspected the securities representing the investments of the Endowment and Executory Trust Funds, in stocks, bonds, and notes, as per Exhibit "N" and "O."

We verified the cash balances as at August 31, 1922, representing uninvested principal \$3,337.42, and unexpended income \$13,024.35, of the Endowment and Executory Trust Funds with the bank accounts.

Respectfully submitted,
THE AMERICAN AUDIT COMPANY,
By C. R. CRANMER,
Resident Manager.

Approved:

F. W. LAFRENTZ, *President.*

Attest:

C. W. GUTHRIE, *Ass't Secretary.*

GENERAL ACCOUNTS

REPORT OF THE TREASURER

EXHIBIT "A."
BALANCE SHEET
As at August 31, 1922.

| <i>Assets.</i> | | <i>Liabilities.</i> | |
|-----------------------------------|-----------------------|-------------------------------------|-----------------------|
| Cash: | | Notes Payable: | |
| In Bank..... | \$2,131.02 | Trust Notes..... | \$123,192.90 |
| Petty Cash Funds..... | 1,795.00 | Demand Notes..... | 15,000.00 |
| | <u>\$3,926.02</u> | | <u>\$138,192.90</u> |
| Investments: | | Interest Payable..... | 387.84 |
| Second Liberty Loan Bonds..... | | Liability to Endowment Funds: | |
| Accounts Receivable: | | Principal: | |
| Students Ledger, 1921-1922..... | 42,121.24 | Secured by Deed of Trust, | |
| Hospital Accounts, 1921-1922..... | 4,904.01 | dated Dec. 1, 1910 on Med- | |
| Endowment Income Receivable..... | 1,632.32 | ical and Hospital Lands and | |
| Student Activities..... | 206.25 | Buildings, 1335-1339 and | |
| | <u>48,863.82</u> | 1341 H Street N. W. | 321,430.23 |
| Insurance: | | Liability of the University General | |
| Withdrawal Value of Perpetual | | Property: | |
| Insurance Policies..... | 1,406.25 | To Dennon Fund—Principal... | 7,179.32 |
| Libraries—Books: | | To Specific Endow- | |
| Arts and Sciences..... | 31,367.26 | ment Funds In- | |
| Law School..... | 20,879.46 | come, which was | |
| Medical School..... | 5,499.43 | applied to current | |
| | <u>57,746.15</u> | expenses prior to | |
| Less Depreciation..... | 5,308.19 | August 31, 1910.. | \$22,272.00 |
| | <u>52,437.96</u> | Less, Payments in | |
| Equipment: | | Current year | 20,272.00 |
| Administration..... | 829.90 | | <u>27,451.32</u> |
| Arts and Sciences..... | 57,322.63 | Surplus: Exhibit "B" | 884,824.22 |
| Law School..... | 5,872.33 | | |
| Medical School..... | 31,913.17 | | |
| University Hospital..... | 33,103.71 | | |
| | <u>129,041.74</u> | | |
| Less Depreciation..... | 13,935.67 | | |
| | <u>115,106.07</u> | | |
| Real Estate..... | 1,094,943.76 | | |
| Prepaid Salaries..... | 250.00 | | |
| | <u>\$1,372,286.51</u> | | |
| | | | <u>\$1,372,286.51</u> |

REPORT OF THE TREASURER

EXHIBIT "B."

SURPLUS

As at August 31, 1922.

Balance September 1, 1921..... \$751,792.98

Add:

Old Accounts Collected..... \$1,680.83

Summer Schools 1921 expenses over estimated..... 646.74

Maxwell Van Zandt Woodhull Bequest:

Lots 803-806, square 102, as appraised
by the Washington Real Estate Board. 32,500.00Net Income for University for the year
ended August 31, 1922, transferred from
Revenue Account, Exhibit "C"..... 115,066.78149,894.35

\$901,687.33

Less:

Uncollectible Accounts prior years..... \$12,742.44

Adjustment Fees..... 3,455.74

Old Checks Paid..... 100.00

Old Accounts and Salaries Paid..... 564.93

16,863.11Balance, August 31, 1922, Exhibit "A"..... \$884,824.22

GENERAL ACCOUNTS

11

EXHIBIT "C."

REVENUE ACCOUNT

For the year ended August 31, 1922.

Income.

| | | |
|---------------------------------------|-------------|---------------------|
| Department of Arts and Sciences: | | |
| Exhibit "D"..... | | \$26,699.52 |
| Law School: | | |
| Exhibit "F"..... | | 10,739.25 |
| Medical School, Exhibit "H"..... | | 3,877.12 |
| College of Pharmacy, Exhibit "J"..... | | 765.79 |
| University Hospital, Exhibit "K"..... | | 9,861.93 |
| Assessment for General Expenses: | | |
| Department of Arts and Sciences..... | \$84,499.81 | |
| Law School..... | 42,869.49 | |
| | | 127,369.30 |
| Income from Investments: | | |
| Endowments for General Purposes..... | 1,632.32 | |
| Other Investments..... | 611.84 | |
| | | 2,244.16 |
| Income from Other Sources: | | |
| Endowment Fund—Principal..... | 3,108.51 | |
| Graduation Fees..... | 4,554.00 | |
| Interest..... | 2,349.84 | |
| Rent—Net..... | 1,318.95 | |
| Miscellaneous..... | 860.84 | |
| | | 12,192.14 |
| | | <u>\$193,749.21</u> |

Expenses.

| | | |
|------------------------------------|-----------|--------------------|
| Administrative Expenses: | | |
| Administration Hall: | | |
| Heat and Light..... | \$ 694.85 | |
| Wages..... | 720.00 | |
| Repairs..... | 2,678.04 | |
| Supplies and Expense..... | 32.10 | |
| | | 4,124.99 |
| Advertising..... | | 1,408.31 |
| Auditing..... | | 625.00 |
| Commencement Expenses..... | | 3,647.58 |
| Insurance..... | | 418.77 |
| Legal..... | | 553.08 |
| Miscellaneous..... | | 1,328.39 |
| Postage..... | | 1,293.41 |
| Salaries..... | | 29,891.29 |
| Stationery and Printing..... | | 1,822.13 |
| Telephone..... | | 329.96 |
| Transferred to Medical School..... | | 22,772.34 |
| Traveling Expenses..... | | 819.92 |
| | | <u>\$69,035.17</u> |
| Debating Council..... | \$ 275.00 | |
| Interest..... | 8,698.06 | |
| Taxes..... | 674.20 | |
| | | 9,647.26 |
| | | <u>78,682.43</u> |

Net Income for the year ended August 31, 1922, transferred
to Surplus Account, Exhibit "B"..... \$115,066.78

REPORT OF THE TREASURER

EXHIBIT "D."
DEPARTMENT OF ARTS AND SCIENCES
For the year ended August 31, 1922.

Income.

| | | |
|---|-------------|---------------------|
| Tuition: | | |
| School of Graduate Studies..... | \$21,318.75 | |
| Columbian College..... | 148,584.46 | |
| College of Engineering..... | 52,451.40 | |
| Teachers College..... | 23,883.75 | |
| | | \$246,238.36 |
| Matriculation: | | |
| School of Graduate Studies..... | 628.00 | |
| Columbian College..... | 4,354.00 | |
| College of Engineering..... | 1,086.00 | |
| Teachers College..... | 750.00 | |
| | | 6,818.00 |
| Laboratory: | | |
| School of Graduate Studies..... | 545.53 | |
| Columbian College..... | 4,438.94 | |
| College of Engineering..... | 3,586.02 | |
| Teachers College..... | 306.57 | |
| | | 8,877.06 |
| Miscellaneous: | | |
| Contribution for McCutchins Prize..... | 40.00 | |
| Contribution National Geographic Society... | 2,000.00 | |
| | | 2,040.00 |
| | | <u>\$263,973.42</u> |

Expenses.

| | |
|-------------------------------------|--------------------|
| Salaries..... | \$122,733.88 |
| Laboratories..... | 5,555.55 |
| Stationery and Printing..... | 2,709.62 |
| Library..... | 665.23 |
| McCutchins Prize..... | 40.00 |
| Postage..... | 340.35 |
| Telephone and Telegrams..... | 389.40 |
| Membership Dues—Associations..... | 168.50 |
| Repairs to Equipment..... | 556.96 |
| Depreciation on Equipment.... | 1,146.45 |
| Depreciation on Library Books.. | 313.67 |
| Miscellaneous..... | 349.88 |
| University Hall: | |
| Wages..... | \$6,808.06 |
| Rent..... | 3,000.00 |
| Heat and Light... | 5,595.37 |
| Repairs..... | 5,181.38 |
| Hauling..... | 406.59 |
| Supplies..... | 2,090.15 |
| | <u>\$23,081.55</u> |
| Less, Rent of Fraternity Rooms..... | 1,320.50 |
| | <u>\$21,761.05</u> |

GENERAL ACCOUNTS

13

| | | |
|---|-------------------|--------------------|
| Transferred to Pharmacy..... | \$1,000.00 | |
| Transferred to Medical School..... | 1,080.00 | |
| Transferred to General Fund..... | 84,499.81 | |
| | <u> </u> | \$243,310.35 |
| | | \$20,663.07 |
| Net Income Department of Arts and Sciences Summer School, transferred from Exhibit "E"..... | | 6,036.45 |
| | | <u> </u> |
| Net Income, transferred to Revenue Account, Exhibit "C" .. | | <u>\$26,699.52</u> |

NOTE:

Library Books were purchased during the year to the amount of \$1,367.73.

NOTE:

Tuition was provided by the Department of Arts and Sciences for which it received no monetary consideration, as follows:

| | | |
|----------------------|-------------------|-------------|
| Scholarships..... | \$7,363.89 | |
| University Aid..... | 1,950.75 | |
| Ministerial Aid..... | 1,312.37 | |
| | <u> </u> | \$10,627.01 |

EXHIBIT "E."

DEPARTMENT OF ARTS AND SCIENCES—SUMMER SCHOOL
For the year ended August 31, 1922.

| | | |
|--|-------------------|-------------------|
| <i>Income.</i> | | |
| Tuition..... | \$27,350.50 | |
| Laboratories..... | 1,174.49 | |
| | <u> </u> | \$28,524.99 |
| <i>Expenses.</i> | | |
| Salaries..... | \$22,367.00 | |
| Miscellaneous..... | 121.54 | |
| | <u> </u> | \$22,488.54 |
| Net Income, transferred to Department of Arts and Sciences, Exhibit "D" .. | | <u>\$6,036.45</u> |

REPORT OF THE TREASURER

EXHIBIT "F."

LAW SCHOOL

For the year ended August 31, 1922.

Income.

| | | |
|---------------------------------------|--------------|--------------|
| Tuition..... | \$105,487.52 | |
| Matriculation..... | 2,170.00 | |
| Library..... | 76.50 | |
| Sale of Examination Questions..... | 83.80 | |
| Contribution for Carver Prize..... | 25.00 | |
| Contribution for Herrick Prize..... | 25.00 | |
| Contribution for Ellsworth Prize..... | 25.00 | |
| | <hr/> | \$107,892.82 |

Expenses.

| | | |
|---|-------------|-------------|
| Salaries..... | \$48,312.41 | |
| Library..... | 173.53 | |
| Stationery and Printing..... | 1,317.40 | |
| Telephone..... | 310.48 | |
| Postage..... | 162.30 | |
| Advertising..... | 679.92 | |
| Carver Prize..... | 25.00 | |
| Herrick Prize..... | 25.00 | |
| Ellsworth Prize..... | 25.00 | |
| Depreciation on Equipment..... | 117.44 | |
| Depreciation on Library Books.. | 208.79 | |
| Miscellaneous..... | 480.04 | |
| | <hr/> | \$51,837.31 |
| Transferred to General Fund.... | 42,869.49 | |
| | <hr/> | \$94,706.80 |
| Law Hall: | | |
| Wages..... | \$2,415.05 | |
| Heat and Light..... | 1,871.98 | |
| Repairs to Equipment..... | 1,195.53 | |
| Supplies..... | 915.86 | |
| | <hr/> | 6,398.42 |
| | | <hr/> |
| | | 101,105.22 |
| | | <hr/> |
| | | \$6,787.60 |
| Net Income Law Summer School, transferred from Exhibit "G"..... | | 3,951.65 |
| | | <hr/> |
| Net Income, transferred to Revenue Account, Exhibit "C" .. | | \$10,739.25 |

NOTE:

Library Books were purchased during the year to the amount of \$1,362.02.

GENERAL ACCOUNTS

15

EXHIBIT "G."

LAW SUMMER SCHOOL

For the year ended August 31- 1922.

Income.

| | | |
|--------------------|-------------------|-------------|
| Tuition..... | \$10,618.00 | |
| Matriculation..... | 381.00 | |
| | <u> </u> | \$10,999.00 |

Expenses.

| | | |
|------------------------------|-------------------|------------|
| Salaries..... | \$,002.00 | |
| Stationery and Printing..... | 45.35 | |
| | <u> </u> | \$7,047.35 |

Net Income, transferred to Law School (Exhibit "F")..... \$3,951.65

REPORT OF THE TREASURER

EXHIBIT "H."
MEDICAL SCHOOL
For the year ended August 31, 1922.

| <i>Income.</i> | |
|---|-------------------|
| Tuition..... | \$31,886.50 |
| Matriculation..... | 492.00 |
| Laboratory..... | 2,596.57 |
| Special Diplomas..... | 10.00 |
| | <hr/> |
| | \$34,985.07 |
| Transferred from Administration (Exhibit "C")..... | \$22,772.34 |
| Transferred from Arts and Sciences (Exhibit "D")..... | 1,080.00 |
| | <hr/> |
| | 23,852.34 |
| | <hr/> |
| | \$58,837.41 |
| <i>Expenses.</i> | |
| Salaries..... | \$39,638.44 |
| Laboratory..... | 3,014.20 |
| Library..... | 167.90 |
| Stationery and Printing..... | 851.27 |
| Advertising..... | 214.95 |
| Telephone..... | 353.46 |
| Postage..... | 126.91 |
| Traveling Expense..... | 196.47 |
| Repairs to Equipment..... | 588.30 |
| Depreciation on Equipment..... | 638.26 |
| Depreciation on Library Books.. | 54.99 |
| Miscellaneous..... | 475.43 |
| | <hr/> |
| | \$46,320.58 |
| Medical Hall: | |
| Wages..... | \$2,574.07 |
| Heat and Light..... | 3,593.97 |
| Hauling..... | 247.96 |
| Repairs..... | 1,570.67 |
| Supplies and Expense..... | 1,125.99 |
| | <hr/> |
| | 9,112.66 |
| | <hr/> |
| | 55,433.24 |
| | <hr/> |
| | \$3,404.17 |
| Net Income Medical Summer School, transferred from Exhibit "I"..... | 472.95 |
| | <hr/> |
| Net Income, transferred to Revenue Account, Exhibit "C"..... | <u>\$3,877.12</u> |

NOTE:

Library Books were purchased during the year to the amount of \$284.25.

EXHIBIT "I."
MEDICAL SUMMER-SCHOOL
For the year ended August 31, 1922.

| <i>Income.</i> | |
|--|-----------------|
| Tuition..... | \$2,307.50 |
| Matriculation..... | 64.00 |
| Laboratories..... | 47.65 |
| | <hr/> |
| | \$2,419.15 |
| <i>Expenses.</i> | |
| Salaries..... | \$1,946.20 |
| | <hr/> |
| Net Income transferred to Medical School (Exhibit "H").. | <u>\$472.95</u> |

GENERAL ACCOUNTS

17

EXHIBIT "J."

COLLEGE OF PHARMACY

For the year ended August 31, 1922.

Income.

| | |
|--------------------|------------|
| Tuition..... | \$1,934.00 |
| Matriculation..... | 95.00 |
| Laboratory..... | 408.21 |

\$2,437.21

| | |
|---|----------|
| Transferred from Department of Arts and Sciences..... | 1,000.00 |
|---|----------|

\$3,437.21*Expenses.*

| | |
|---------------------|------------|
| Salaries..... | \$1,720.00 |
| Telephone..... | 77.10 |
| Hear and Light..... | 430.71 |
| Supplies..... | 130.68 |
| Repairs..... | 100.75 |
| Miscellaneous..... | 212.18 |

\$2,671.42Net Income, transferred to Revenue Account, Exhibit "C" .. \$765.79

EXHIBIT "K."

UNIVERSITY HOSPITAL

For the year ended August 31, 1922.

Income.

| | |
|-----------------------------|-------------|
| Pay Patients: | |
| Collected..... | \$89,590.42 |
| Uncollected..... | 4,904.01 |
| Board of Lady Managers..... | 1,236.00 |

\$95,730.43*Expenses.*

| | |
|------------------------------------|-------------|
| Salaries..... | \$35,696.75 |
| Table Supplies..... | 23,780.87 |
| Medical and Surgical Supplies..... | 5,385.02 |
| Electricity and Gas..... | 1,708.56 |
| Fuel..... | 3,861.50 |
| Laundry..... | 3,698.72 |
| Repairs..... | 5,855.58 |
| Miscellaneous Supplies..... | 1,240.57 |
| Ice..... | 1,911.75 |
| Telephone..... | 725.29 |
| Stationery and Printing..... | 659.85 |
| Interest..... | 115.00 |
| Hauling..... | 261.65 |
| Miscellaneous..... | 967.39 |

\$85,868.50Net Income transferred to Revenue Account, Exhibit "C" .. \$9,861.93

STATEMENT OF CASH RECEIPTS AND PAYMENTS

For the year ended August 31, 1922.

| Receipts. | Arts and Sciences. | Law. | Medicine. | Hospital. | Pharmacy. | Adminis- tration. | Total. |
|---|--------------------|--------------|-------------|-------------|------------|-------------------|--------------|
| Students: | | | | | | | |
| Regular session..... | \$246,885.28 | \$97,284.00 | \$32,639.62 | | \$2,489.87 | | \$379,298.77 |
| Summer session..... | 23,484.58 | 6,933.60 | 2,181.50 | | | | 32,599.68 |
| Old fees, 1919-20..... | | | | | | \$642.30 | 642.30 |
| Old fees, 1920-21..... | 16,622.78 | 8,024.64 | 748.68 | | 30.00 | 80.00 | 25,506.10 |
| Special lectures..... | 358.00 | | | | | | 358.00 |
| Graduation fees..... | | | | | | 4,418.13 | 4,418.13 |
| Contributions..... | 2,000.00 | | | \$1,236.00 | | | 3,236.00 |
| For prizes..... | 40.00 | 125.00 | | | | | 165.00 |
| From fraternities..... | 1,320.50 | | | | | | 1,320.50 |
| Sale of old equipment..... | | | 288.75 | | 5.50 | | 294.25 |
| Hospital..... | | | | 90,595.42 | | | 90,595.42 |
| Rents, 20th Street..... | | | | | | 1,956.21 | 1,956.21 |
| Endowment income..... | | | | | | 1,360.45 | 1,360.45 |
| Executory Endowment principal..... | | | | | | 3,108.51 | 3,108.51 |
| Interest on bank deposit..... | | | | | | 1,755.49 | 1,755.49 |
| Interest on investments..... | | | | | | 611.84 | 611.84 |
| Miscellaneous..... | 71.15 | 120.23 | 472.19 | | | 1,115.09 | 1,778.66 |
| Notes payable..... | | | | | | 15,000.00 | 15,000.00 |
| Securities sold..... | | | | | | 85,049.37 | 85,049.37 |
| Total Cash Receipts..... | \$290,782.29 | \$112,487.47 | \$36,330.74 | \$91,831.42 | \$2,525.37 | \$115,097.39 | \$649,054.68 |
| Cash balances September 1, 1921..... | | | | | 890.62 | 30,250.96 | 31,141.58 |
| Total Cash..... | \$290,782.29 | \$112,487.47 | \$36,330.74 | \$91,831.42 | \$3,415.99 | \$145,348.35 | \$680,196.26 |
| Transfers from one Department to another, authorized by Board of Trustees. Added to the Cash Statement by the Treasurer to show condition by Departments: | | | | | | | |
| A. & S. to Administration..... | | | | | | \$65,185.00 | \$65,185.00 |
| Law to Administration..... | | | | | | 21,728.00 | 21,718.00 |
| A. & S. to Adm. on property..... | | | | | | 19,314.81 | 19,314.81 |
| Law to Adm. on mortgage..... | | | | | | 21,141.49 | 21,141.49 |
| A. & S. to Medicine..... | | | \$1,080.00 | | | | 1,080.00 |
| Adm. to Medicine..... | | | 22,772.34 | | | | 22,772.34 |
| | \$290,782.29 | \$112,487.47 | \$60,183.08 | \$91,831.42 | \$3,415.99 | \$272,717.65 | \$831,417.90 |

GENERAL ACCOUNTS

| Payments. | Arts and Sciences. | Law. | Medicine. | Hospital. | Pharmacy. | Administration. | Total. |
|------------------------------------|--------------------|-------------|-------------|-------------|------------|-----------------|--------------|
| Departmental..... | \$156,583.41 | \$58,387.33 | \$47,621.66 | | \$1,956.92 | | \$264,549.32 |
| Maintenance..... | 23,002.17 | 6,392.12 | 9,108.28 | | 720.00 | | 41,681.67 |
| 1921 Summer School..... | 3,462.07 | | | | | \$2,459.10 | 3,462.07 |
| 1922-23 Salaries prepaid..... | | | | | | 250.00 | 250.00 |
| Refunds to students..... | 3,118.49 | 605.43 | 743.63 | | 221.38 | 80.00 | 4,768.93 |
| Refunds old students accounts..... | 1,850.61 | 723.25 | 445.04 | | 48.66 | | 3,067.56 |
| Student activities..... | | | | | | 206.25 | 206.25 |
| Hospital..... | | | | \$85,868.01 | | | 85,868.01 |
| Equipment..... | 3,527.41 | 479.55 | 1,980.22 | 1,528.63 | | 829.90 | 8,345.71 |
| Library Books..... | 1,367.73 | 1,362.02 | 284.25 | | | | 3,014.00 |
| Administration..... | | | | | | | |
| Stationery and Printing..... | | | | | | 33,247.36 | 33,247.36 |
| Advertising..... | | | | | | 1,874.68 | 1,874.68 |
| Prizes..... | 40.00 | 125.00 | | | | 1,245.91 | 1,245.91 |
| Postage..... | | | | | | | 165.00 |
| Interest..... | | | | | | 1,293.41 | 1,293.41 |
| Insurance..... | | | | | | 9,294.74 | 9,294.74 |
| Commencements..... | | | | | | 1,066.88 | 1,066.88 |
| Mortgage Notes Paid..... | | | | | | 3,647.58 | 3,647.58 |
| Real Estate taxes..... | | | | | | 25,330.00 | 25,330.00 |
| Petty Cash..... | | | | | | 912.31 | 912.31 |
| 1921 accounts payable..... | | | | | | 20.00 | 20.00 |
| Real Estate purchased..... | | | | | | 1,827.43 | 1,827.43 |
| Special repairs..... | | | | | | 38,454.88 | 38,454.88 |
| Endowment restoration..... | | | | | | 2,069.54 | 2,069.54 |
| Securities purchased..... | | | | | | 2,000.00 | 2,000.00 |
| | | | | | | 140,402.00 | 140,402.00 |
| Total cash payments..... | \$192,951.89 | \$68,074.70 | \$60,183.08 | \$87,396.64 | \$2,946.96 | \$266,511.97 | \$678,065.24 |
| **Cash balance Aug. 31, 1922..... | | | | | | 2,131.02 | 2,131.02 |
| Total cash..... | \$192,951.89 | \$68,074.70 | \$60,183.08 | \$87,396.64 | \$2,946.96 | \$268,642.99 | \$680,196.26 |
| (Payments carried forward) | | | | | | | |

| | | | | | | | |
|---|--------------|--------------|-------------|-------------|------------|--------------|--------------|
| Total cash..... | \$192,951.89 | \$68,074.70 | \$60,183.08 | \$87,396.64 | \$2,946.96 | \$268,642.99 | \$680,196.26 |
| Transfers authorized by Board of Trustees. Added to the Cash Statement by the Treasurer to show condition by Departments: | | | | | | | |
| To Medicine..... | \$ 1,080.00 | ..... | ..... | ..... | ..... | \$22,772.34 | \$23,852.34 |
| To Administration..... | 65,185.00 | \$21,728.00 | ..... | ..... | ..... | ..... | 86,913.00 |
| To Adm. Mortgage..... | ..... | 21,141.49 | ..... | ..... | ..... | ..... | 21,141.49 |
| To Adm. Real Estate..... | 19,314.81 | ..... | ..... | ..... | ..... | ..... | 19,314.81 |
| Surplus..... | \$278,531.70 | \$110,944.19 | \$60,183.08 | \$87,396.64 | \$2,946.96 | \$291,415.33 | \$831,417.90 |
| Overdraft..... | \$12,250.50 | \$1,543.28 | ..... | \$4,434.78 | \$469.03 | \$18,697.68 | ..... |
| | \$290,782.29 | \$112,487.47 | \$60,183.08 | \$91,831.42 | \$3,415.99 | \$272,717.65 | \$831,417.90 |

** At intervals during the year 1921-22, surplus cash of the General Fund was invested in Government securities drawing a higher rate of interest than the bank deposit, to the amount of \$140,402.00, and a portion of these securities was sold, as needed, to the amount of \$85,049.37, leaving a net investment belonging to the General Fund, at the close of the year of \$55,352.63. Properly, this investment of surplus cash in liquid securities should be considered as cash on hand at the close of business on August 31, 1922, in addition to the \$2,131.02 reported above.

TRUST ACCOUNTS

EXHIBIT "M."

TRUST FUNDS

As at August 31, 1922.

GENERAL ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of the general work of the University.

Subscription Gifts Endowment Fund, 1845-1851:

Fund raised by authority of the Trustees of Columbian College by general subscription between the years 1845 and 1851, as a permanent endowment for the support of the College. (Formerly called the Poindexter Endowment Fund.)..... \$12,525.56

Withers Endowment Fund:

Fund raised by authority of the Trustees of Columbian College between the years 1851 and 1870, for increasing the endowment fund of the College; John Withers of Alexandria, Virginia, giving \$16,100, and the balance being obtained by general subscription. (Formerly called the Forty Thousand Dollar Endowment Fund.).. 26,891.46

Corcoran Endowment Fund:

Fund raised by authority of the Trustees of Columbian College and Columbian University between the years 1871 and 1886, to be forever held inalienable, and not to be diminished by use for the support of the institution, but the whole amount to be invested, in the discretion of the Trustees and according to their best judgment, and the interest thereon, or the income therefrom to be used for the current expenses and support of the institution; William W. Corcoran, of Washington, D. C., giving \$112,000, and the balance being obtained by general subscription (\$189,048.75 of this fund invested in Deed of Trust on Medical and Hospital Lands and Buildings)..... 218,314.92

Syms Endowment Fund:

Bequest of Samuel Robert Syms, of West Hoboken, New Jersey, in 1891, to Columbian University, to be applied by the Trustees toward the endowment of the College proper..... 1,500.00

\$259,231.94

PROFESSORSHIP ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for support of professorships as specified by the donors.

Congressional Professorship Endowment Fund:

Donation by the United States, in 1832, by Act of Congress, of \$25,000 in city lots in Washington, D. C., to be sold and the proceeds invested as a capital, the dividends or interest to be used and applied, in aid of other revenues of Columbian College, to the establishment and endowment of such professorships therein "as now are, or hereafter shall be, established by the Trustees;" (appropriated to the extent of \$6,295.77 by vote of the Board of Trustees to the support of the Professorship of English)..... \$105,362.95

Elton Professorship Fund:

Bequest of Rev. Romeo Elton of Exeter, England, in 1872, to be applied for the foundation of a professorship of mental and moral philosophy in Columbian College, to be called the Elton Professorship of Mental and Moral Philosophy..... \$14,508.19

Alumni Professorship Fund:

Gifts of various alumni since 1911, for the endowment of an Alumni Professorship of Mathematics, the amount to be invested and the interest only to be used for the professorship..... 829.49

\$120,700.63

SPECIFIC ENDOWMENT FUNDS.

Permanent funds, principal to be invested and income only to be used, for designated purposes specified by the donors (other than support of professorships) incidental to, or connected with, the general work of the University.

Scholarship Funds:

Walker Scholarship Fund:

Gift of William Walker, of Putnam County, Georgia, in 1824, for the endowment of a scholarship..... \$2,500.00

Withington Scholarship Fund:

Gift of the Board of Trustees of the New York Baptist Theological Seminary, on behalf of John Withington of New York, in 1829, for the purpose of endowing a scholarship in Columbian College, to be named the Withington Scholarship..... 1,953.13

Morehouse Scholarship Fund:

Gift of A. Morehouse, of Washington, D. C., in 1861, to Columbian College, with the design of adding to its ability to furnish gratuitous instruction to indigent students for the Christian ministry..... 1,500.00

Kendall Scholarship Fund:

Gift of Amos Kendall, of Washington, D. C., in 1869, to Columbian College on behalf of Calvary Baptist Church in the City of Washington, to purchase a classical scholarship; the Trustees of Public Schools in the City of Washington, and their successors, to have the perpetual privilege of selecting from said schools one pupil annually to fill said scholarship, and the pupils so selected each to be entitled to instruction in said College, for the term of six years, free of charge for tuition, use of library, and apparatus, or for any other privilege allowed to paying students of the same grade..... 5,959.61

Davis Scholarship Fund:

Gift of Isaac Davis, of Worcester, Massachusetts, in 1869, the income to be appropriated to some student pursuing his collegiate course in Columbian College under certain conditions..... 1,000.00

M. M. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1871, to Columbian College, to found a scholarship for some deserving young man..... 1,000.00

Founders of Columbian Women Scholarship Fund:

A fund established by the "Columbian Women" of George Washington University, in 1920, to provide scholarships for women in Columbian College. \$2,770.00

Woodhull Scholarship Fund:

Gift of Ellen M. E. Woodhull, of Washington, D. C., the income to be used for scholarships. 600.00

Byron Andrews Memorial Scholarship Fund:

A fund founded by Mrs. Belle Fisk Andrews, in memory of her husband, Byron Andrews, to provide scholarships "for ambitious and needy students, in English, Latin Journalism, History, Literature or Political Science". . . 3,000.00

David Spencer Scholarship Fund:

Devise in trust of real estate in Knox County, Illinois, the income to constitute an educational fund which under certain conditions shall be used to aid in defraying the expenses of designated students at the University. 18,135.00

Farnham Scholarship Fund:

Gift of Mrs. Robert Farnham, of Washington, D. C., in 1871, to Columbian College for a scholarship in the College. 1,000.00

Powell Scholarship Fund:

Devise of real estate by Rear Admiral Levin M. Powell, of Washington, D. C., in 1886, to Columbian University for the free education of young men by way of preparation for entrance into the Naval Academy at Annapolis, or to fit them to become mates and masters in the Merchant Marine Service of the United States. . . 30,000.00

Mary Lowell Stone Scholarship Fund:

Gift of an anonymous person in memory of Miss Mary Lowell Stone, in 1893, to Columbian University for scholarships for needy women students in science in the Department of Arts and Sciences. 2,000.00

H. H. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1896, in memory of her husband, Henry Harding Carter, to Columbian University, as a foundation for scholarships in civil engineering in Columbian College. . 5,000.00

Nellie Maynard Knapp Scholarship Fund:

Gift of the Columbian Women, in 1915, in memory of Mrs. Nellie Maynard Knapp, to George Washington University, for scholarships for women in the Department of Arts and Sciences. 5,000.00

\$81,417.74

Medical School and Hospital Funds:*Cooper Medical Research Fund:*

Bequest of Mrs. Eleanor J. Cooper, of Washington, D. C., in 1905, to Columbian University on certain terms since modified by the Supreme Court of D. C., as follows: The income to be devoted towards the establishment and maintenance, in connection with the Medical Department of George Washington University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases. \$10,000.00

National Park Seminary Hospital Endowment Fund:

Gift of students of National Park Seminary, of Forest Glen, Maryland, in 1906, to George Washington University, for the endowment of a bed in the University Hospital..... \$500.00

Woodbury Hospital Endowment Fund:

Bequest of Miss Ellen deQ. Woodbury, of Washington, D. C., in 1909, to George Washington University, for the reception and treatment of female patients in the hospital belonging to or connected with the University. 9,583.33

Chapman Hospital Endowment Fund:

Bequest of Mrs. Susanna A. Chapman, of Washington, D. C., in 1911, to George Washington University, to be used for the purposes of the free wards of the University Hospital..... 1,350.90

Tree Hospital Endowment Fund:

Bequest of Lambert M. Tree, of Chicago, Illinois, in 1911, in memory of his mother, Mrs. Laura M. Tree, to Columbian University, for the purpose of establishing one or more beds in perpetuity in the University Hospital to be known as the "Laura M. Tree bed or beds"..... 10,000.00

Reinhardt Hospital Fund:

Bequest of Mrs. Luisa Wynne Reinhardt of Washington, D. C., in 1922, to the University Hospital, to be used for the benefit of the Hospital, as directed by the Board of Trustees..... 500.00

\$31,934.23

Prize Funds:*Davis Prize Fund:*

Gift of Isaac Davis, of Worcester, Massachusetts, in 1847, to Columbian College, for prizes to be awarded annually to such members of the senior class as shall have made the greatest progress in elocution since their connection with the College..... 700.00

Ruggles Prize Fund:

Gift of William Ruggles, of Washington, D. C. (a professor in Columbian College and at one time Acting President), in 1859, to Columbian College, for a prize to be awarded annually for excellence in mathematics. . 500.00

Staughton-Elton Prize Fund:

Gift of Rev. Romeo Elton, of Exeter, England, in 1860 and 1865, to Columbian College, for prizes to be awarded annually for excellence in the Latin and Greek languages; one to be called the Staughton prize in Latin, the other the Elton prize in Greek..... 500.00

Fitch Prize Fund:

Gift of James E. Fitch, of Washington, D. C., in 1883, to Columbian University in memory of Willie E. Fitch, for a gold prize to be assigned annually under the auspices of the Scientific School..... 1,000.00

Walsh Prize Fund:

Gift of Thomas F. Walsh, of Washington, D. C., in 1901, to Columbian University, for a gold medal to be awarded annually for excellence in Irish history..... 300.00

Cutter Prize Fund:

Gift of Marion Kendall Cutter, of Washington, D. C., in 1902, to Columbian University, in memory of E. K. Cutter, for a prize to be awarded annually for excellence in the study of English..... 1,000.00

Hubbard Prize Fund:

Gift of Mrs. Gertrude M. Hubbard, of Washington, D. C., in 1907, to George Washington University in memory of her husband, Gardiner G. Hubbard, for a prize to be awarded annually to the student in the undergraduate department of the University who, having maintained throughout four years a high standing in the classes of American history, may be required to present the best essay upon an assigned topic in this subject. \$1,000.00

Ordronaux Prize Fund:

Bequest of John Ordronaux, of Glen Head, N. Y., in 1909, to George Washington University, for the establishment of biennial prizes in the Law and Medical Departments. 4,762.50

Sterrett Prize Fund:

Gift of Rev. J. Macbride Sterrett, in 1911, to George Washington University, in memory of his son, J. Macbride Sterrett, Jr., for a gold medal to be awarded annually to the student obtaining highest average in physics. 200.00

\$9,962.50

ENDOWMENT RESTORATION FUND.

Non-permanent fund, principal and income usable for the purposes specified.

Endowment Restoration and Accretion Fund:

A fund created by the Board of Trustees, October 10, 1917, without limitation of time or amount, to provide means for the restoration of principal of Endowment Funds used for current expenses prior to August 31, 1910. After such restoration has been effected from the fund or from any other source, the fund to be called General Endowment Accretion Fund, open and perpetual, the income only to be used for University purposes. \$2,595.62

ALUMNI ENDOWMENT FUND.

Permanent fund, principal to be invested and income to be used, for support of the general work of the University.

Alumni Endowment Fund:

A fund established by the senior class of 1920, as a testimonial of grateful appreciation, to be added to by succeeding graduating classes, the income only to be used for the general welfare of the University, as directed by the Board of Trustees. \$382.00

Total Endowment Funds. \$506,224.66

EXECUTORY TRUST FUNDS

Non-permanent funds, principal and income usable for the purposes specified by the donors, each trust terminating on its execution.

Executory Trust Funds not Confined to Building Purposes:

Denman Law School Fund:

Bequest of Hampton Y. Denman, of Washington, D. C., in 1904, to Columbian University, for the use and benefit of the Law Department..... \$8,565.55

Jacques Law School Fund:

Bequest of Mrs. Mary Emma Jacques, of Washington, D. C., in 1912, to George Washington University, to be used in such manner as the Trustees may direct for the Law School..... 5,405.40

Jacques Medical School Fund:

Bequest of Mrs. Mary Emma Jacques, of Washington, D. C., in 1912, to George Washington University, to be used in such manner as the Trustees may direct for the Hospital of the University..... 5,605.86

Mayer Hospital Fund:

Bequest of Theodore J. Mayer, of Washington, D. C., in 1967 (received in 1916), to George Washington University, for the benefit of the University Hospital.... 4,681.29

24,258.10

Building Funds:

Law School Building Fund:

Gifts of various persons towards a fund authorized by the Trustees of the University May 31, 1916, for purchasing a site and erecting a Law School building... \$910.41

General Building Fund:

Gifts of various persons toward a fund authorized by the Trustees of the University May 31, 1916, for purchasing sites, buildings and equipment, remodeling or rebuilding, and paying off obligations. This is an open subscription fund, to be continued and increased indefinitely..... 9,542.85

Chemistry Building Fund:

Gifts of various persons towards a fund, principal and interest usable for a Chemical Laboratory Building..... 123.83

10,577.09

Total Executory Trust Funds..... \$34,835.19

Total Trust Funds..... \$541,059.85

EXHIBIT "N."

ENDOWMENT FUNDS INVESTMENTS

As at August 31, 1922.

STOCKS.

| | |
|---|----------|
| American Telephone and Telegraph Co.: | |
| 6 shares of stock..... | \$708.00 |
| Chicago, Rock Island and Pacific Railway Co.: | |
| 40 shares of 7 per cent Preferred Stock..... | 4,000.00 |

BONDS.

| | |
|---|-----------|
| Chicago, Rock Island and Pacific Railway Co.: | |
| \$24,000 4 per cent First and Refunding Mortgage Bonds, due 1934..... | 20,959.17 |
| *Chicago, Rock Island and Pacific Railway Co.: | |
| \$10,000 4 per cent Collateral Trust Bonds, due 2002..... | 8,094.72 |
| Virginia Railway Co.: | |
| \$300 5 per cent First Mortgage Gold Bonds, Series "A," due 1962..... | 297.38 |
| Washington Railway and Electric Co.: | |
| \$4,500 4 per cent Consolidated Mortgage Gold Bonds, due 1951..... | 3,631.25 |
| Potomac Electric Power Co.: | |
| \$15,000 5 per cent Consolidated Mortgage Gold Coupon Bonds, due 1936..... | 15,025.00 |
| City of New Brunswick, New Jersey: | |
| \$3,000 4 per cent Sinking Fund Bonds, due 1922..... | 3,000.00 |
| City of Medford, Massachusetts: | |
| \$3,000 4 per cent Sewerage Loan Bonds, due 1924..... | 3,000.00 |
| \$2,100—Liberty Loan Bonds—Second Series..... | 2,100.00 |
| \$10,100 Liberty Loan Bonds—Third Series..... | 9,724.75 |
| \$1,950 Liberty Loan Bonds—Fourth Series..... | 1,950.00 |
| \$15,000 U. S. Certificates of Indebtedness..... | 15,046.88 |

TRUST NOTES.

| | |
|--|------------|
| Thomas R. Marshall Note: | |
| Secured by deed of trust on part of lot 5, square 253, and lot 70, block 30, in Columbia Heights; interest $5\frac{1}{2}$ per cent; due May 5, 1925..... | 5,000.00 |
| Washington Sanitary Improvement Company Notes: | |
| Secured by deed of trust on lots in squares 509, 552, 615, 617 and 674; interest 6 per cent; due June 9, 1923..... | 11,000.00 |
| Agnes Plunkett Notes: | |
| Secured by deed of trust on part of lot 12, square 11, in Meridian Hill; interest 6 per cent; due February 4, 1923.. | 200.00 |
| Arthur T. Ramsey and Judith L. Steele Notes: | |
| Secured by deed of trust on lots, 21, 22, 23 and part of lot 9, block 32, Columbia Heights; interest 6 per cent; due March 20, 1923..... | 3,000.00 |
| E. J. W. Revell Note: | |
| No. Five of seven, secured by deed of trust on lot 40, square 44, University Park, interest 7 per cent; due September 9, 1923. Held by American Security and Trust Co., Trustees of Byron Andrews Memorial Scholarship Fund..... | 3,000.00 |
| Interest in \$350,000 note payable to Washington Loan and Trust Co., Fiscal Agent of George Washington University, Trustee of Endowment Funds, secured by deed of trust, executed by the University to National Savings and Trust Company, Trustee, December 1, 1910, on Medical and Hospital Lands and Buildings; 1335, 1339, and 1341 H Street, N. W., without interest; due on or before December 1, 1920..... | 323,430.23 |

* To secure these bonds the University has received 100 shares of Chicago, Rock Island and Pacific Railway Co. common stock.

TRUST ACCOUNTS

29

Exhibit "N"—Continued.

REAL ESTATE.

Congressional Endowment:

| | |
|-----------------------------|------------|
| Part lot 10, square 13..... | \$3,813.50 |
| Lot 12, square 13..... | 3,715.00 |
| Lot 13, square 13..... | 3,270.00 |
| Lot 9, square 16..... | 2,594.20 |
| Lot 5, square 87..... | 8,532.00 |

\$21,924.70

| | |
|--|-----------|
| Powell Endowment, 1707 I Street N. W..... | 30,000.00 |
| Chapman Endowment, Hyattsville..... | 125.00 |
| Corcoran Endowment, sub-lot 148, square 672..... | 1,151.66 |
| Spencer Farm..... | 18,135.00 |

\$504,503.74

SUMMARY.

| | |
|---------------------------------|------------|
| Stocks..... | \$4,708.00 |
| Bonds..... | 67,782.27 |
| United States Certificates..... | 15,046.88 |
| Trust Notes..... | 345,630.23 |
| Real Estate..... | 71,336.36 |

\$504,503.74

| | |
|---|----------|
| Cash on hand for Investment, August 31, 1922, Exhibit "A."..... | 1,720.92 |
|---|----------|

Total Endowment Funds, Exhibit "M".....\$506,224.66

Exhibit "O"

EXECUTORY TRUST FUNDS INVESTMENTS

As at August 31, 1922.

BONDS

| | |
|--|------------|
| \$2,200 Liberty Loan—Fourth Series..... | \$2,209.86 |
| \$11,000 Victory Loan..... | 10,705.76 |
| U. S. Steel Corporation: | |
| \$3,000 5% Sinking Fund Gold Coupon Bonds, | |
| due 1963..... | 3,060.00 |
| Metropolitan Railroad Co.: | |
| \$1,000 5% 1st Mortgage Gold Bond, due 1925..... | 1,070.00 |
| Potomac Electric Power Co.: | |
| \$2,000 5% Consolidated Mortgage Gold Cou- | |
| pon Bonds, due 1936..... | 2,028.75 |
| Washington Gas Light Co.: | |
| \$1,000 5% General Mortgage Gold Bond, due | |
| 1960..... | 1,105.00 |
| Washington Railway and Electric Co.: | |
| \$1,000 4% Consolidated Mortgage Gold Bond, | |
| due 1951..... | 860.00 |

\$21,039.37

TRUST NOTES

Rita Weller Notes:

| | |
|---|----------|
| Secured by deed of trust on lots 16 to 34 and 36 to 44, square 849, int. 7%; due October 25, 1924..... | 5,000.00 |
|---|----------|

MISCELLANEOUS

| | |
|---|----------|
| Interest in General Property of the University..... | 7,179.32 |
|---|----------|

| | |
|---|-----------|
| Total investments..... | 33,218.69 |
| Cash on hand for Investment, August 31, 1922..... | 1,616.50 |

Total Executory Trust Funds—Exhibit "M".....\$34,835.19

EXHIBIT "P."
 ENDOWMENT AND EXECUTORY TRUST FUNDS, INCOME AND EXPENSE.
 For the year ended August 31, 1922.

| | Balance Aug. 31, 1921. | | Year ended Aug. 31, 1922. | | Balance Aug. 31, 1922. | |
|---|------------------------|----------|---------------------------|----------|------------------------|----------|
| | Debit. | Credit. | Expense. | Income. | Debit. | Credit. |
| <i>Endowment Funds:</i> | | | | | | |
| Congressional Professorship of English Fund..... | | \$244.09 | \$244.09 | \$304.59 | | \$304.59 |
| Corcoran Endowment Fund..... | | 1,116.36 | 1,116.36 | 1,327.73 | | 1,327.73 |
| Alumni Endowment Fund..... | | 14.07 | | 16.31 | | 30.38 |
| Elton Professorship Fund..... | | 919.07 | | 211.51 | | 1,130.58 |
| Alumni Professorship of Mathematics Fund..... | | 142.64 | | 40.12 | | 182.76 |
| Founders of Columbian Women Scholarship Fund..... | | 97.90 | 97.90 | 106.85 | | 106.85 |
| David Spencer Scholarship Fund..... | | 902.10 | | 982.57 | | 1,884.67 |
| Withington Scholarship Fund..... | | 147.53 | 60.00 | 18.39 | | 105.92 |
| Kendall Scholarship Fund..... | | 334.61 | 334.61 | 217.55 | | 217.55 |
| Davis Scholarship Fund..... | \$65.88 | | | 1.95 | \$63.93 | |
| Powell Scholarship Fund..... | | 140.80 | 1,764.28 | 3,691.70 | | 2,068.22 |
| Ellen M. E. Woodhull Scholarship Fund..... | | 23.28 | | 29.02 | | 52.30 |
| H. H. Carter Scholarship Fund..... | 206.25 | | | | 206.25 | |
| M. M. Carter Scholarship Fund..... | | | | | 1.23 | |
| Byron Andrews Memorial Scholarship Fund..... | | 38.77 | 40.00 | | | 294.20 |
| Farnham Scholarship Fund..... | | 342.95 | 279.06 | 230.25 | | 38.77 |
| Nellie Maynard Knapp Scholarship Fund..... | | 372.38 | 262.10 | 241.72 | | 352.00 |
| Mary Lowell Stone Scholarship Fund..... | | 852.89 | 80.00 | | | 772.89 |
| Cooper Medical Research Fund..... | | 2,095.94 | 1,269.25 | 483.42 | | 1,310.11 |
| National Park Seminary Hospital Endowment Fund..... | | 296.30 | | 24.19 | | 320.49 |
| Woodbury Hospital Endowment Fund..... | | 447.66 | 447.66 | 463.28 | | 463.28 |
| Chapman Hospital Endowment Fund..... | | 108.08 | 108.08 | 59.28 | | 59.28 |
| Tree Hospital Endowment Fund..... | | 477.12 | 477.12 | 483.42 | | 483.42 |
| Davis Prize Fund..... | | 57.75 | 10.00 | 33.86 | | 81.61 |
| Ruggles Prize Fund..... | 40.50 | | | | 40.50 | |
| Fitch Prize Fund..... | | 763.75 | 50.00 | 11.42 | | 725.17 |
| Walsh Prize Fund..... | | 282.32 | | 14.52 | | 296.84 |

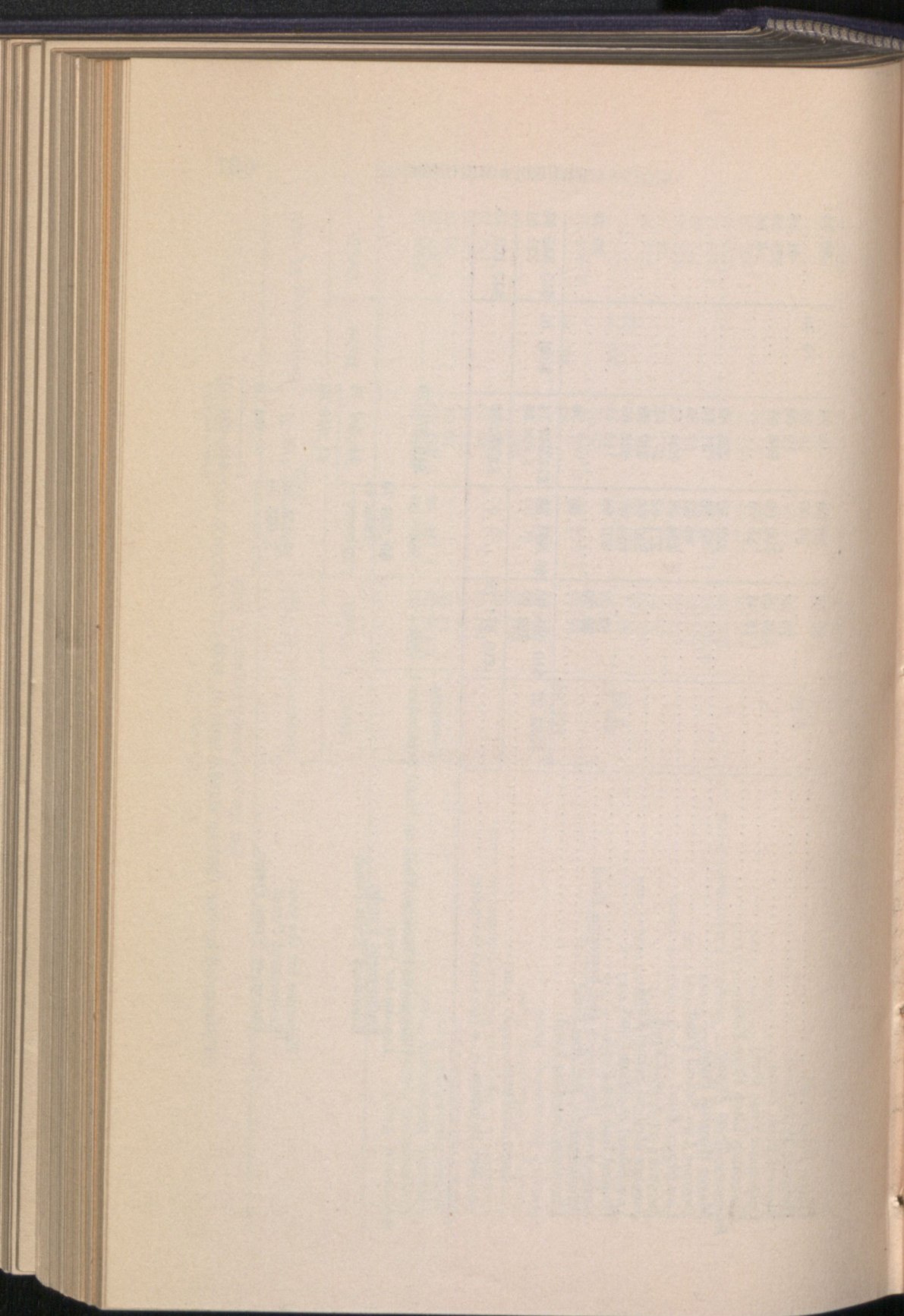
TRUST ACCOUNTS

31

| | | | | | |
|---|----------|------------|-------------|----------|-------------|
| Cutter Prize Fund..... | 82.08 | 50.00 | 48.36 | ..... | 80.44 |
| Hubbard Prize Fund..... | ..... | 50.00 | 48.36 | 9.70 | ..... |
| Sterrett Prize Fund..... | 79.38 | ..... | 12.00 | ..... | 91.38 |
| Ordronaux Prize Fund..... | 425.25 | 100.00 | 196.33 | ..... | 521.58 |
| Staughton-Elton Prize Fund..... | 19.41 | 15.75 | ..... | ..... | 3.66 |
| <i>Executory Trust Funds:</i> | | | | | |
| Mayer Hospital Fund..... | ..... | 233.82 | 233.82 | ..... | ..... |
| Denman Law School Fund..... | ..... | 81.16 | 81.16 | ..... | ..... |
| Law School Fund..... | ..... | 69.83 | 69.83 | ..... | ..... |
| Jacques Law School Fund..... | ..... | 324.43 | 324.43 | ..... | ..... |
| Jacques Medical School Fund..... | ..... | 271.63 | 271.63 | ..... | ..... |
| Law School Building Fund..... | ..... | 217.98 | 217.98 | ..... | ..... |
| General Building Fund..... | 2.58 | 624.07 | 626.65 | ..... | ..... |
| Endowment Restoration and Accretion Fund..... | 92.52 | 207.96 | 115.44 | ..... | 39.29 |
| Administration Building Fund..... | 39.29 | ..... | ..... | ..... | ..... |
| Chemistry Building Fund..... | ..... | 7.50 | 7.50 | ..... | ..... |
| Less: Balances..... | \$323.27 | \$8,894.58 | \$11,247.14 | \$321.61 | \$13,345.96 |
| Net Balances..... | ..... | ..... | 8,894.58 | ..... | 321.61 |
| | | | \$2,352.56 | | \$13,024.35 |

Summary.

| | |
|--|-------------|
| Unexpended Income, Cash on Hand September 1, 1921..... | \$10,671.79 |
| Income for Year: | |
| Endowment Funds..... | \$9,298.70 |
| Executory Trust Funds..... | 1948.44 |
| | 11,247.14 |
| | 21,918.93 |
| Expenses for the year: | |
| Endowment Funds..... | 6,856.20 |
| Executory Trust Funds..... | 2,038.38 |
| | 8,894.58 |
| Unexpended Income, Cash on Hand August 31, 1922..... | \$13,024.35 |



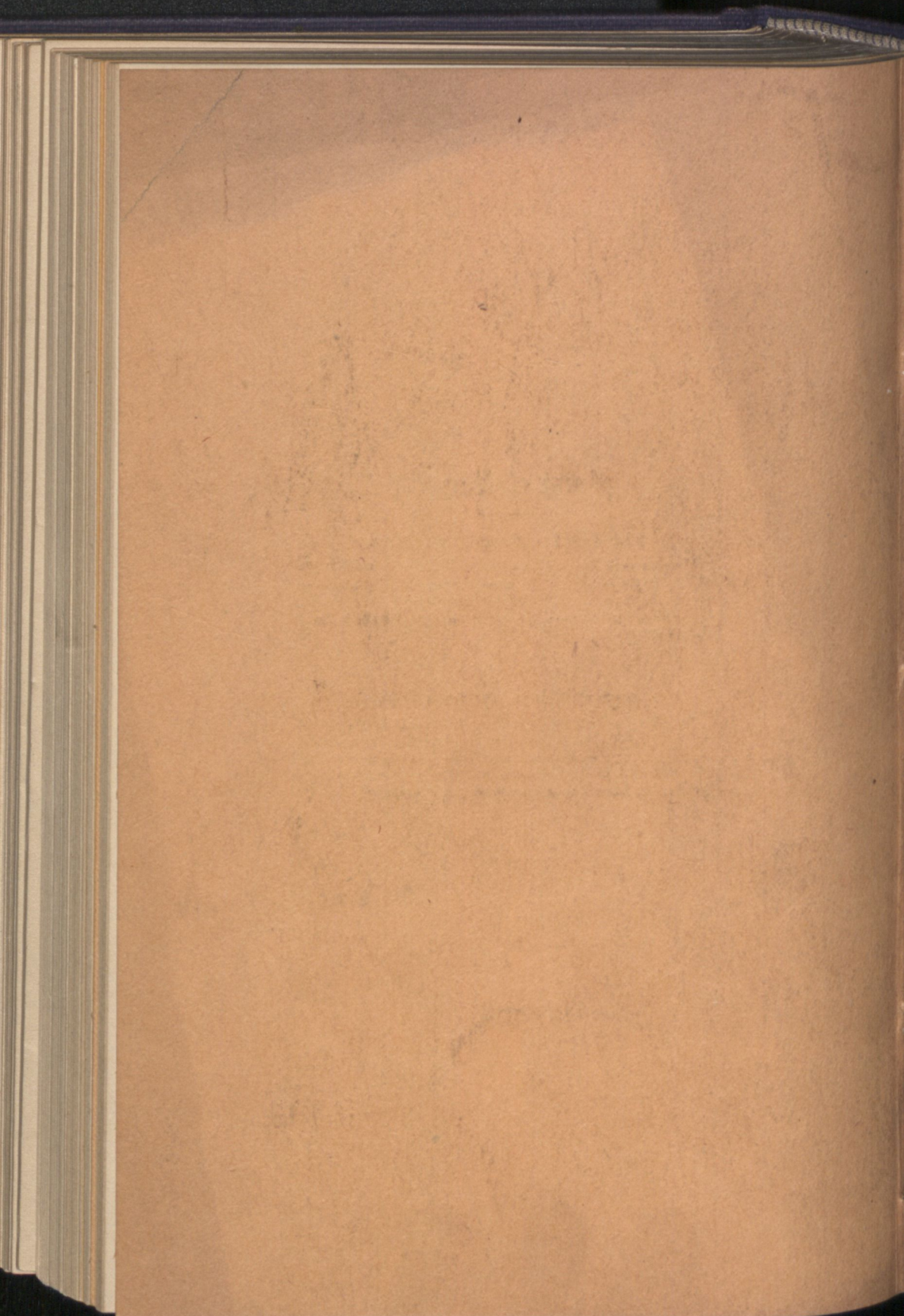
Form of Bequest

FOR EXECUTORY ENDOWMENTS.

"I give and bequeath to the GEORGE WASHINGTON UNIVERSITY, of Washington, D. C., the sum ofdollars, free from legacy duty or tax, the same to be used as its Board of Trustees may determine."

FOR GENERAL ENDOWMENTS.

"I give and bequeath to the GEORGE WASHINGTON UNIVERSITY, of Washington, D. C., the sum ofdollars, free from legacy duty or tax the principal to be invested, and the income only to be used as its Board of Trustees may determine."



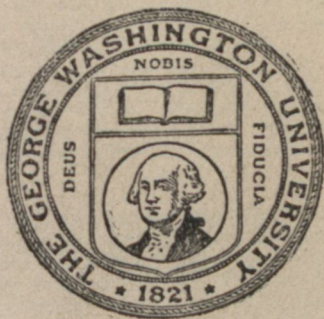
VOLUME XXI

NUMBER 4

George Washington University Bulletin

UNIVERSITY NUMBER

DECEMBER, 1922



PUBLISHED BY THE UNIVERSITY AT WASHINGTON, D. C., MARCH,
JUNE, OCTOBER AND DECEMBER

Entered October 6, 1904, at Washington, D. C., as second-class
matter under the Act of Congress of July 16, 1894

THE WORLD

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FOREWORD

For the information of the Alumni and former students and other friends of the George Washington University, the following statements about the various departments of the University are published.

THE UNIVERSITY

ADMINISTRATION

Dr. William Miller Collier was appointed Ambassador to Chile in the summer of 1921, and resigned the Presidency of the University. The Board of Trustees appointed Dean Howard L. Hodgkins President, to serve until a permanent President was elected.

STUDENT ATTENDANCE

During the World War there was a great increase of civil service employees in Washington, and the number of part-time students in the University greatly increased. At the same time many of the full-time students entered the military service, or, where not eligible for military service, entered into civilian employment in the government service. As a result, the attendance of full-time students greatly decreased.

Since the close of the war, and in spite of a decrease of nearly fifty thousand civil service employees in Washington, there has been a large increase in student attendance in the University.

During the fall term of this year the University has registered 4,439 students, and the new registrations for the second term will probably make the total for the session over 4,800. When the registration for the Summer School is added, the total for the year will be at least 6,000.

At this time there are over 1,300 full-time students in the University.

FINANCIAL

There has been no deficit in running expenses since 1910. On the contrary, with a moderate surplus each year, the University has been able to add to its capital account, to add many men and women to its Faculties, and to increase salaries of members of the Faculties in every department.

The net assets have increased each year and now total over \$1,400,000.00.

In the financial reorganization about 1910, the University sold all buildings used for educational purposes except the Medical and Hospital buildings, and moved into rented quarters. Since then, it has acquired buildings, partly by gift but mainly by purchase, for the use of the Law School and of Arts and Sciences, together with considerable adjacent land available for additional buildings. There are still some purchase-mortgages on some of these buildings, but the University's equity in this acquired real estate is about \$350,000.00.

EDUCATIONAL STANDING

The educational work is recognized by other Universities, and students transferring are given hour-for-hour credit for work done here.

The College is classified as an "A" College. The Medical School is ranked as an "A" school. The Law School is a member of the Association of American Law Schools.

FACULTY STANDING

The total membership of the teaching staff is about 280. Of these 65 give their entire time to the University, and the others give part time. Over twenty per cent of the entire teaching staff, and over thirty per cent of the full-time teaching staff are listed in the two notable books of biography, *Who's Who in America*, and *American Men of Science*.

NEEDS

The University needs additional funds for endowment and for buildings. While it has three times as many classrooms as it possessed ten years ago, it could use twice as many rooms as it now has. There is large demand for additional courses in many lines of work, but the University cannot give these courses for lack of room.

It needs money for endowment so that salaries can be increased, and additions made to the teaching staff. The salaries now paid should be increased from twenty-five to fifty per cent. Members of the Faculty, through loyalty and interest in their work here, have refused offers at increased salaries at other Universities, and this University should be in a position to offer them salaries more nearly adequate to their merits.

ARTS AND SCIENCES

The Department of Arts and Sciences comprises:

The Graduate School
Columbian College
College of Engineering
Teachers College
Summer School

The growth of this Department has been phenomenal. In 1910-11, it had 681 students, which was 53.3 per cent of the total enrollment in the University. This year it has registered 3,243 students which is 73.1 per cent of the total enrollment. Its teaching staff consists of 41 full-time and 50 part-time Faculty members, together with about 50 student assistants who aid in the laboratories, in keeping attendance records, in reading themes, and the like. There are 307 class and laboratory sections having 840 meetings each week, an average of 140 each day.

The removal of the offices of the President, Secretary, Treasurer and Registrar to the Woodhull Building, has made available several additional class-rooms. Two buildings on 20th Street, which are owned by the University but had been rented to tenants, have been adapted for college uses. Three floors in one of them are used by the classes in Home Economics, which, started only a year ago, now have about 180 enrolled students. The other building gives additional class-rooms and offices.

There is still great need of more class-rooms, to provide for the increasing enrollment in the courses now offered, and to permit the establishment of new courses for which there have been many requests. An apartment house adjoining the present class-room buildings was purchased by the University this fall, and it is probable that it will be converted into a class-room building for use next fall.

It has been the desire of the University for several years to increase the amount of work offered in economics, political science, commerce and business administration. Perhaps this work may be organized into a School of Public Service and Business Administration. To this end, there have been some additions to the Faculty. But to give all the courses desired, it will be necessary to appoint several more men on the teaching staff, and obtain at least six or eight more class rooms. Competent teachers can be had, several hundred students can be had, but the serious trouble is to obtain class-rooms.

Adjoining its present Arts and Sciences buildings, is vacant land owned by the University and suitable for a new building. A generous donor is needed.

MEDICAL DEPARTMENT

Improvement in the Medical Department has shown marked advance during the past year.

In the MEDICAL SCHOOL the instruction is on a more satisfactory basis than ever before and the equipment of the different laboratories has

been very materially increased. The library has had a considerable addition of new books and in the museum, by the employment of a full-time technician, specimens are now being so placed and card catalogued that they are directly available for inspection and teaching purposes.

The laboratories have been greatly bettered through the installation of instruments heretofore not had, so giving them facilities which bring them into direct clinical relation with the University Hospital. The laboratory of Chemistry is now able to do all clinical chemical examinations, including the most difficult estimations in blood chemistry; the Physiological Laboratory is able to make metabolic estimations for differential diagnosis and blood tracings in cardiac diseases; the laboratory of Bacteriology and Pathology is fully equipped for all bacteriological and pathological examinations. In consequence, the facilities of our laboratory for teaching, as well as for making all necessary clinical findings for patients, are without question more fully developed than those in any other laboratories or hospital in the city. The establishment of a clinical correlation between the teaching laboratories and the hospital has long been desired on account of the great need not only for furnishing patients all available clinical findings but that the medical students may be brought into direct contact with material from clinical cases. Our laboratory teachers are fully alive to the desirability of cooperation between laboratory teaching and clinical medicine and are all enthusiastically engaged in the required examinations and findings.

In regard to the student body, the reduction in matriculation caused by increased standards is now more than made up. Last year our matriculation for the freshmen class was 75 and this year 80, as against 23 in 1918, when the two year college requirement was first instituted. While 80 students were matriculated this year, this number does not represent the number of qualified applicants but expresses only the very maximum capacity of our Medical School for the freshman class. Nearly thirty applicants, fully qualified, were refused admission for the reason that the capacity of the school was reached. The total number enrolled in the medical school is 184. This is the largest number since 1907, the last year of night teaching. The junior and senior classes are still rather small in numbers, due to the increased entrance standards, but when the students in the present classes are graduated, the following classes will materially increase in size. The maximum capacity of the school is 228 and this number will probably be reached in about three years. This number will tax the facilities of the school to the utmost and it is hoped that an increase in room facilities for the Department of Arts may liberate space greatly needed in the medical school building.

The Reserve Officers' Training Corps Unit, established by the War Department, in the Medical School and in charge of a Major of the Medical Corps of the Army, detailed by the Secretary of War for that duty, is now in its second year of operation. Its conduct has been highly successful and 105 students are now enrolled, membership in it having been taken by nearly all students who by fact of citizenship and physical fitness are eligible to avail themselves of its opportunities.

The establishment of the Unit and the detailing of a Medical Officer of the Army to duty with it has put our school in intimate touch with Army Medical Corps facilities, such as the Museum and Library and the clinical facilities at Walter Reed General Hospital.

The standing of our graduates before state medical examining boards continues to be excellent. During the past year the average number of failures before state boards for all medical schools in the United States was 12.4%, while our percentage of failures was but 3.1% or exactly $\frac{1}{4}$ the general average.

Our percentage of failures was less than that of some notable schools. The University of Michigan has 6.2% failures, the University of Pennsylvania 5.3%, Columbia University 4% and Harvard 3.6%.

The COOPER RESEARCH LABORATORY in the Medical School is now definitely placed on a working basis and through the able original work of Dr. E. R. Whitmore, Professor of Bacteriology, has made a material contribution to science regarding the action of malarial parasites, which contribution was published in *The American Journal of Tropical Medicine*, September, 1922.

The UNIVERSITY HOSPITAL personnel and equipment is now better than ever before. A retired medical officer of the Army (Major E. G. Northington), conversant with hospital methods, has been secured as Superintendent. The Hospital has long needed a person at its head who was both a graduate in medicine and a capable executive and manager of finances. The medical service in the hospital through influence upon the Resident, Interns and Nurses, is best where the Superintendent is a graduate in medicine and this betterment is now secured in our hospital. This with the linking up of the teaching laboratories in the school with the clinical facilities of the hospital before mentioned has brought about a condition considered medically ideal.

The TRAINING SCHOOL FOR NURSES has had no lack of applicants for training. Herein we are more fortunate than most other hospitals in the city and we believe the fact that we have an adequate number of applicants is due to the nurses training school being directly connected with, and a part of a medical teaching institution. The graduate teaching force in the training school has been increased and new facilities introduced to the end that the school may meet all requirements.

The DISPENSARY has been improved by additions to the attending personnel and by installation of additional clinical equipment. In consequence the attendance of indigent sick is large and steadily increasing.

IN SUMMARY, the improvement in the Medical Department which was interrupted by the great war, has, due to the support given by the authorities of the University, been resumed and is being carried forward in accord with the steady forward progress of science in medicine.

THE LAW SCHOOL

The Law School has announced an advancement in its entrance requirements to the effect that after September 1, 1923, it will require of all candidates for degrees the completion of one year of college work, and that after September 1, 1925, it will require of such candidates two years of college work. This change was proposed by a unanimous vote of the Law Faculty and heartily approved by the Trustees.

This step has been taken by the University with a feeling of assurance that in this way it can render a greater service to the public and its students. From the public the demand is for better trained lawyers rather than for a larger number; from the individual student the demand is for a training such as is essential to success in a crowded and scholarly profession. There are exceptional men without college training who are capable of studying law and succeeding in its practice, but there is no satisfactory criterion by which to identify them in advance, and rules for admission must be framed with the interest of the greatest number in mind.

A study of legal education was recently made by a committee of eminent lawyers representing the American Bar Association. The chairman of this committee was Hon. Elihu Root. After giving the matter of entrance requirements careful thought, that committee recommended that every candidate for admission to the bar should be a graduate from a law school which requires, among other things, two years of college work for admission. The recommendation of that committee was adopted by the American Bar Association and so represents a consensus of opinion in the profession at large.

There are numerous instances of men who have succeeded in the legal profession without either college or law school education, but it should be

noted that they are men who came to the bar in an earlier generation when a man with college education was exceptional.

The case method of instruction, now in vogue at George Washington University Law School, presupposes a more thorough preparatory training than is necessary in schools still using the lecture and text methods. The case method calls for power of comprehension and reasoning far greater than is necessary in a school where the sources of law are predigested and dogmatically expounded.

Our faculty has under advisement the matter of recommending a longer course for employed students. This matter is deserving of careful thought. On one hand, we should require no less of an employed student than we do of an unemployed student. There is no charity in tempering the course for anyone. The employed student, like any other, cannot hope to succeed without thorough preparation. In proportion as his daily mastery and assimilation of legal principles is reduced by his employment, his course should be lengthened. On the other hand, we should not require more of the employed student than that he make up such deficiency as his employment has caused. There is a tendency on the part of some educators to reckon this deficiency unduly high. In comparing the employed with the unemployed, it is by no means fair to assume that the unemployed student is studying all the time the employed one is working. It is a well-known fact that unemployed students do many things with their time besides study. Care should be taken, therefore, lest we discriminate against the man who spends some time working and in favor of the man who spends his time otherwise. A student's achievements during study hours should not be shrunk because he works at other hours. To do so would smack strongly of aristocracy.

To what extent the course may be lengthened for the employed student has not been determined. The advance will perhaps leave it possible to complete the course in three years by taking one or more summer terms. The guiding policy is well settled. We shall keep our standards high. The course will be of such extent that a competent full-time student can cover it in three years. Such additional time may be exacted of the employed students as will insure that his course equals the three-year course of the full-time student. The time necessary to do this will be calculated as accurately as may be and with no disposition to penalize the employed student.

This is the third year the Law School has been in its new home at 1435 K Street. The building has class-rooms seating nearly 1,200; eight offices besides the business office; a large, well-lighted library, and two rest rooms. Our Law Library, containing more than 9,000 volumes, is open and available to students each day from 9 a. m. to 11 p. m., and on Sundays from 2 to 6 p. m. Our furniture, while plain, is in good repair, and in so far as utility is concerned, is of the most approved type. In the class-rooms movable chairs and desks have supplanted the old tablet-arm chairs. Our location combines the advantage of being one of the most beautiful in Washington with being easily accessible. On the whole, our physical equipment is adequate and creditable. The school has developed to much greater size than would have been possible in its former rented quarters in the Masonic Temple. The registration for the past five years has been as follows:

| | |
|--------------|-------|
| 1917-18..... | 350 |
| 1918-19..... | 431 |
| 1919-20..... | 752 |
| 1920-21..... | 898 |
| 1921-22..... | 1,045 |

Registration for the past five summer sessions has been as follows:

| | |
|-----------|-----|
| 1918..... | 79 |
| 1919..... | 207 |
| 1920..... | 270 |
| 1921..... | 470 |
| 1922..... | 378 |

SUMMARY OF DEGREES CONFERRED, 1922

IN COURSE

| | | |
|---|-----|-----|
| <i>Columbian College</i> | | |
| Bachelor of Arts..... | 150 | |
| Bachelor of Science in Medicine..... | 4 | 154 |
| <i>College of Engineering</i> | | |
| Bachelor of Science— | | |
| In Architecture..... | 1 | |
| In Chemistry..... | 5 | |
| In Chemical Engineering..... | 2 | |
| In Civil Engineering..... | 4 | |
| In Electrical Engineering..... | 1 | |
| In Mechanical Engineering..... | 5 | 18 |
| <i>Teachers College</i> | | |
| Bachelor of Arts and Bachelor's Diploma in Education..... | | 36 |
| <i>Medical School</i> | | |
| Doctor of Medicine..... | 15 | |
| Nurses' Certificate..... | 7 | 22 |
| <i>Law School</i> | | |
| Bachelor of Laws..... | 156 | |
| Master of Laws..... | 12 | 168 |
| <i>College of Pharmacy</i> | | |
| Bachelor of Science in Pharmacy..... | | 1 |
| <i>School of Graduate Studies</i> | | |
| Civil Engineer..... | 1 | |
| Master of Science..... | 21 | |
| Master of Arts..... | 46 | |
| (3 with Master's Diploma in Education) | | |
| Doctor of Philosophy..... | 12 | |
| (1 with Doctor's Diploma in Education) | | |
| | | 80 |
| Degrees in Course..... | | 479 |

HONORARY

| | | |
|--|---|-----|
| Master of Arts..... | 1 | |
| Doctor of Divinity..... | 1 | |
| Doctor of Science..... | 1 | |
| Doctor of Humane Letters..... | 1 | |
| Doctor of Laws..... | 1 | 5 |
| Total number of Degrees conferred..... | | 484 |

SUMMARY OF REGISTRATION, DECEMBER, 1922

| | |
|---------------------------------|-------|
| School of Graduate Studies..... | 288 |
| Columbian College..... | 2,057 |
| Engineering College..... | 509 |
| Teachers College..... | 389 |
| Medical School..... | 184 |
| Law School..... | 989 |
| School of Pharmacy..... | 23 |
| | 4,439 |

